

AMERICAN FORK DEVELOPMENT CENTER

895 NORTH 900 EAST
AMERICAN FORK, UTAH

STATE OF UTAH
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
2003

PHASE 1 – PLAN SET

DFCM PROJECT No. 97126280

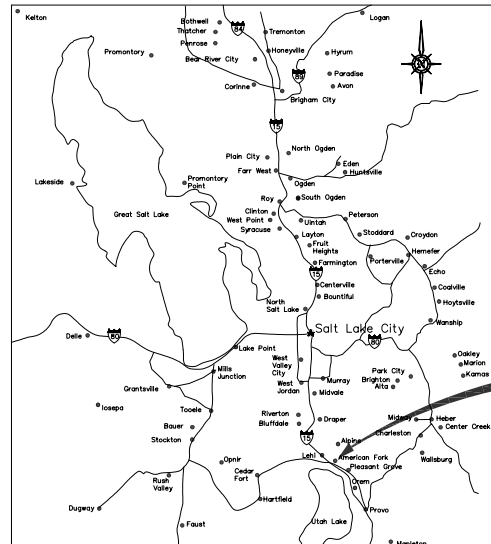
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CU501-4 PHASE 4 - MISCELLANEOUS SECTIONS & DETAILS



SALT LAKE AND UTAH COUNTY
VICINITY MAP

SITE LOCATION



GENERAL NOTES:

- 1) ANY KNOWN SEWER MAINS, WATER MAINS, GAS MAIN, STORM DRAINS, IRRIGATION LINES, TELEPHONE CONDUITS, ELECTRICAL CABLES, AND OTHER UNDERGROUND STRUCTURES ARE SHOWN ON THESE DRAWINGS ON TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER. IT IS EXPECTED THAT THERE MAY BE DISCREPANCIES AND OMISSIONS IN THE LOCATION AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BUT IS NOT GUARANTEED TO BE EITHER CORRECT OR COMPLETE, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED. THE CONTRACTOR SHALL MAKE SUCH INVESTIGATION AS HE THINKS NECESSARY TO VERIFY ITS CORRECTNESS AND COMPLETENESS. THE CONTRACTOR SHALL, PRIOR TO EXCAVATION, LOCATE UNDERGROUND UTILITIES AND STRUCTURES, SO THAT THEY WILL NOT BE ACCIDENTALLY CUT OR DAMAGED BY THE CONSTRUCTION OPERATION, AND SO THAT THE GRADE OF THE PIPE CAN BE ADJUSTED AS REQUIRED.
- 2) CONTRACTOR SHALL CONTACT BLUE STAKE LOCATION CENTER AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION IS COMMENCED.
- 3) SEWER, GAS, WATER, AND OTHER SERVICES TO INDIVIDUAL STRUCTURES, THOUGH NOT SHOWN FOR CLARITY, DO EXIST AND SHALL BE AVOIDED AT NO ADDITIONAL COST TO THE OWNER.
- 4) OTHER UTILITY SERVICES SHALL BE RELOCATED AS NECESSARY AT NO COST TO THE OWNER.
- 5) THE SUCCESSFUL PERFORMANCE OF FIELD DENSITY TESTS SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET THE SPECIFIED DENSITY REQUIREMENTS FOR THE COMPLETE PROJECT. THE CONTRACTOR SHALL MAKE SUCH ADDITIONAL TESTS, AT HIS EXPENSE, AS MAY BE REQUIRED TO INSURE THAT THE WORK OF COMPACTION IS PERFORMED PROPERLY.
- 6) ACCESS TO THE CONSTRUCTION SITE SHALL BE FROM PUBLIC ROADS. ANY ACCESS ACROSS PRIVATE PROPERTY SHALL BE ARRANGED BY THE CONTRACTOR AND APPROVED BY THE OWNER.



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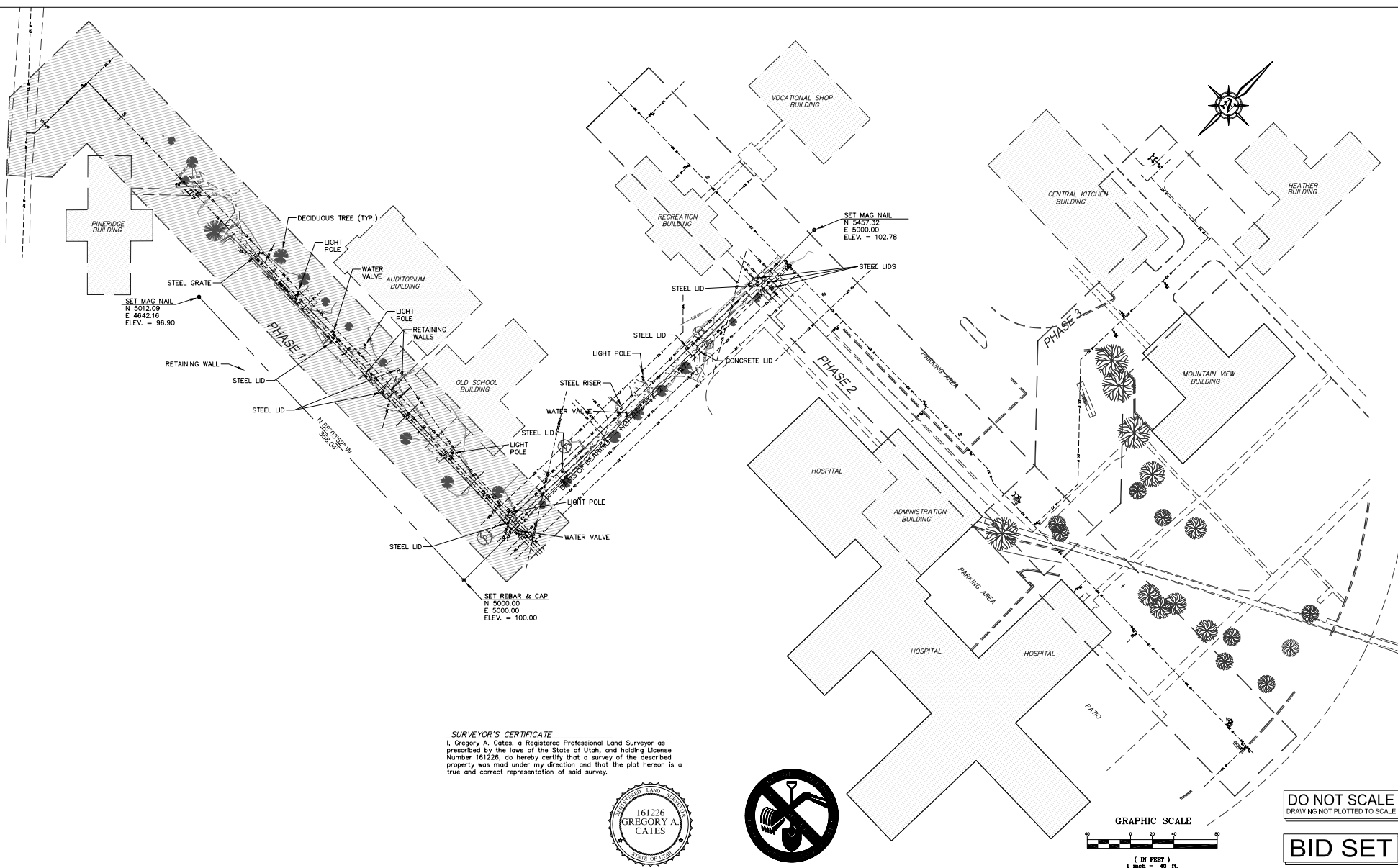
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PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE NO SCALE	DATE ISSUED 24 FEBRUARY 2003

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AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 1 - COVER SHEET
DFCM PROJECT No. 97126280

SHEET
1
OF
6
GI001-1
011116
PROJECT NUMBER



REV.	BY	DATE	DESCRIPTION

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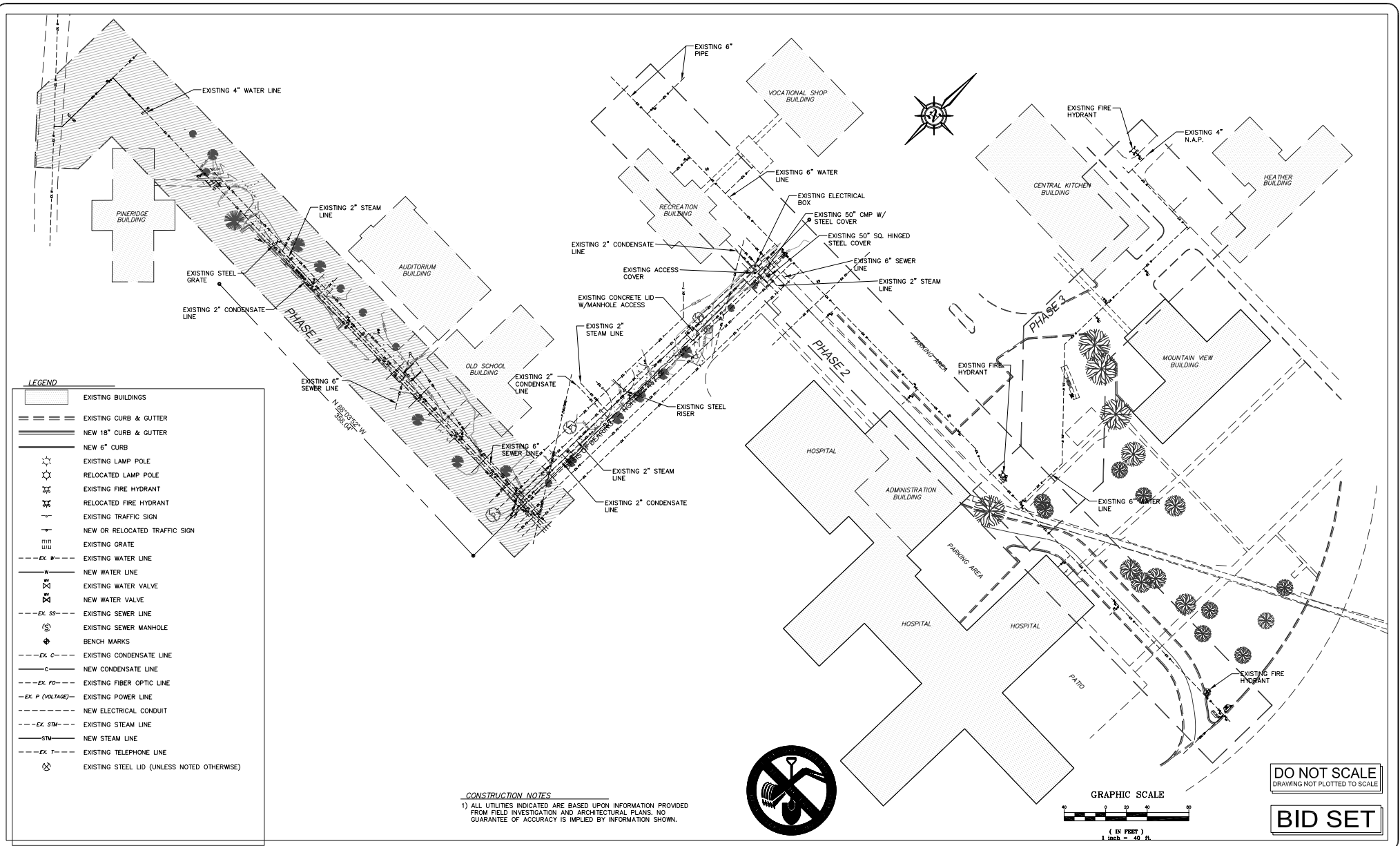
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AMERICAN FORK DEVELOPMENT CENTER
 850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 1 - EXISTING TOPOGRAPHIC SURVEY MAP
 DFCM PROJECT No. 97126280

CS101-1

SHEET 2 OF 6

011116
PROJECT NUMBER



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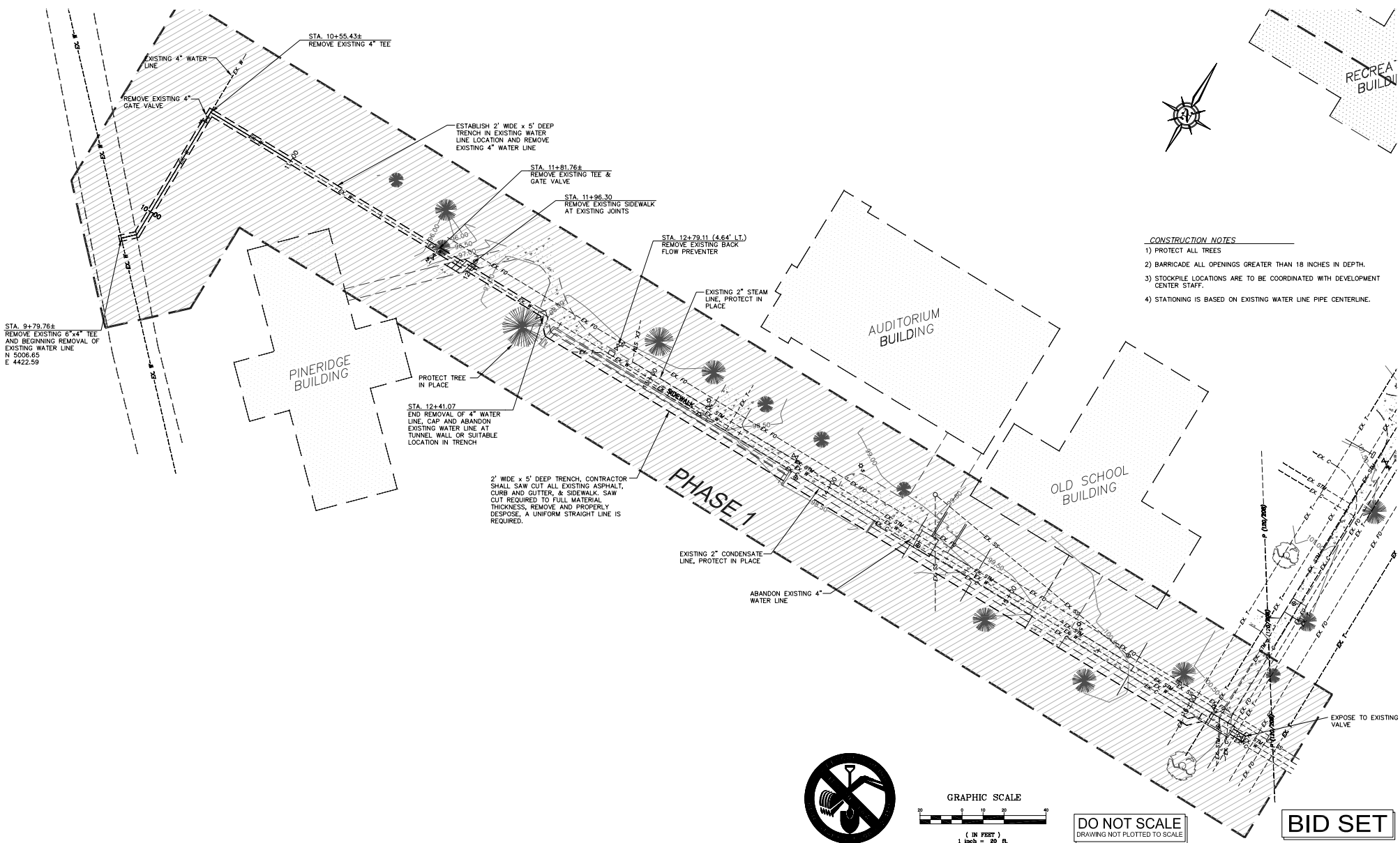
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AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 1 - EXISTING SITE UTILITY PLAN
DFCM PROJECT No. 97126280

CS102-1

SHEET 3 OF 6

011116
PROJECT NUMBER



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PRINCIPAL PAUL J. HIRST	INITIAL/DATE
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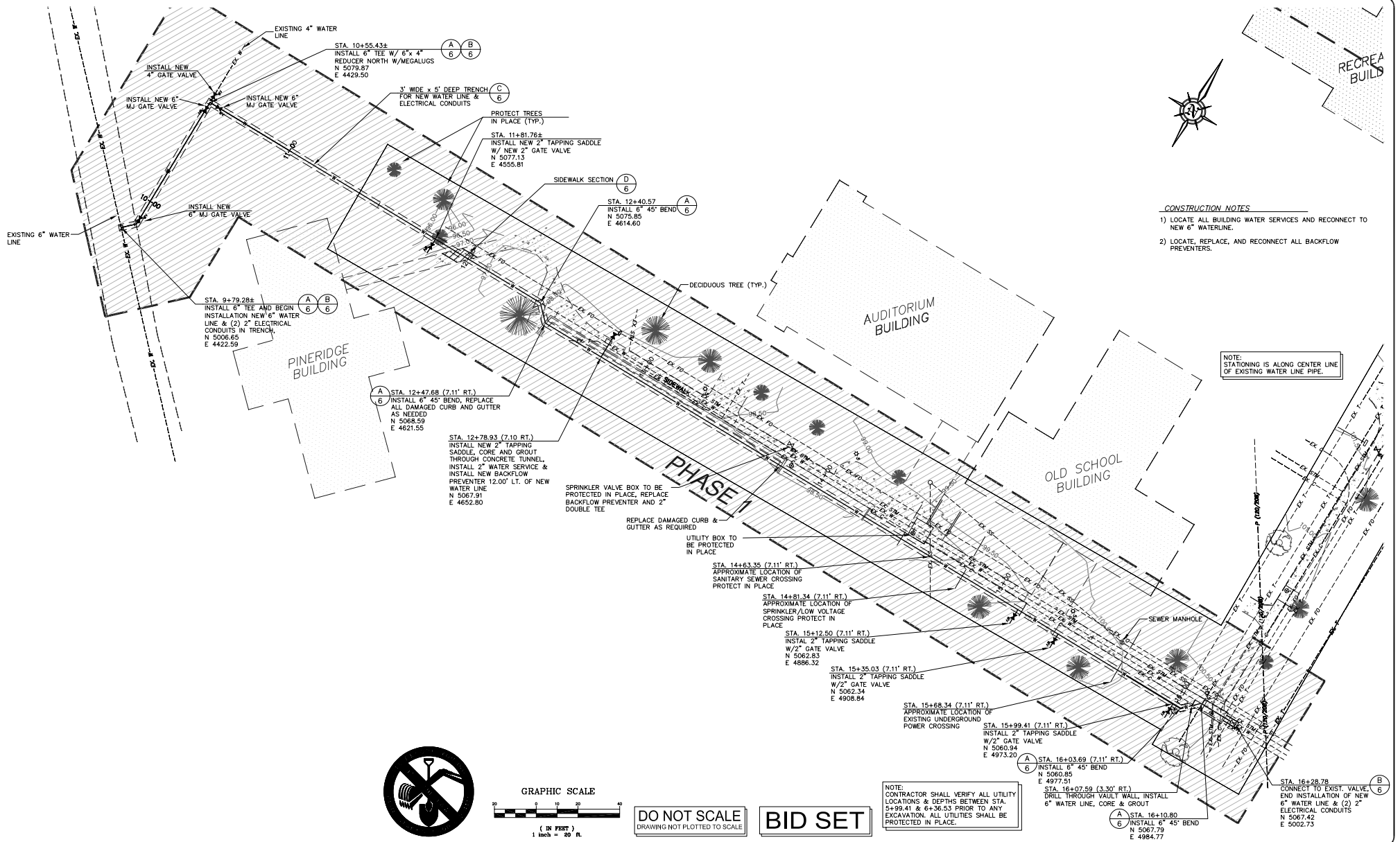
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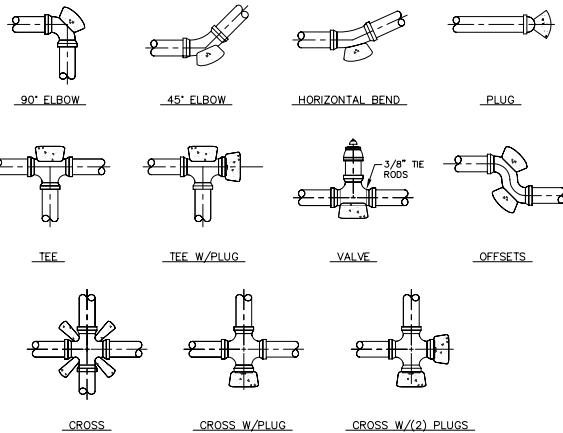
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PHASE 1 - DEMOLITION PLAN
DFCM PROJECT No. 97126280

CD101-1
SHEET 4 OF 6
011116
PROJECT NUMBER





THRUST BLOCK SCHEDULE

DIMENSIONS ARE BASED ON THE FOLLOWING:
1. WATER TEST PRESSURE = 200 PSI
2. SOIL BEARING PRESSURE = 1200 PSF

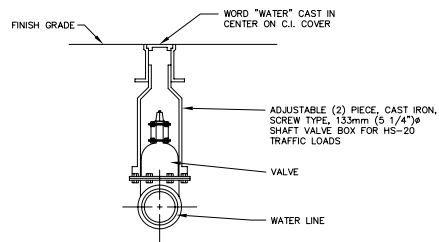
FITTING	THRUST (KIPS)	WIDTH (FEET)	HEIGHT (FEET)	LENGTH (FEET)
90° ELBOW	38.7	5.75	5.75	5.0
TEE	27.4	5.0	5.0	4.25
PLUG	27.4	5.0	5.0	4.25
45° ELBOW	21.0	4.50	4.50	4.0
22 1/2° BEND	10.7	3.0	3.0	2.75
11 1/4° BEND	5.4	2.25	2.25	2.0
5° DEFLECTION	1.4	1.25	1.25	1.0
CROSSES	THRUST BLOCKS TO BE INSTALLED PER DFCM STANDARD REQUIREMENTS			

NOTES:

1) MINIMUM 28 DAY CONCRETE COMPRESSION STRENGTH TO BE 2500 PSI.

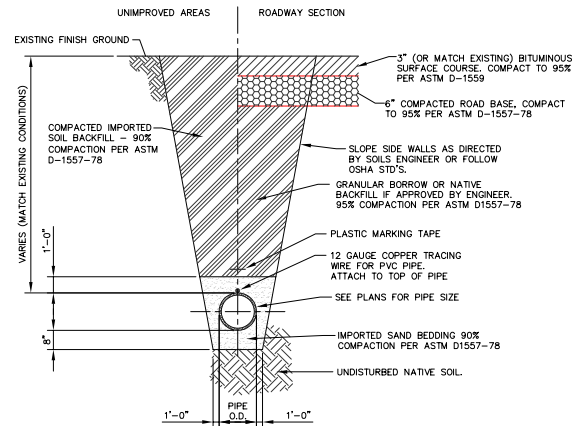
A 5 THRUST BLOCK INSTALLATION DETAILS

SCALE: NONE



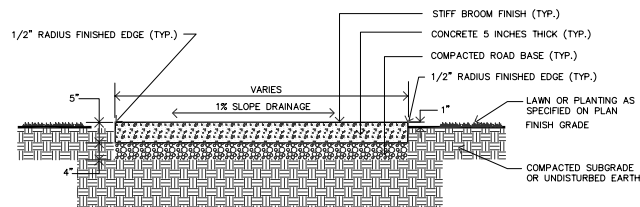
B 5 VALVE BOX

SCALE: NONE



C 5 TYPICAL TRENCH SECTION

SCALE: NONE



D 5 TYPICAL SIDEWALK SECTION

SCALE: NONE

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AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 1 - MISCELLANEOUS DETAILS
DFCM PROJECT No. 97126280

SHEET
6 OF 6
CU501-1
011116
PROJECT NUMBER

AMERICAN FORK DEVELOPMENT CENTER

895 NORTH 900 EAST
AMERICAN FORK, UTAH

STATE OF UTAH
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
2003

PHASE 2 – PLAN SET

DFCM PROJECT No. 97126280

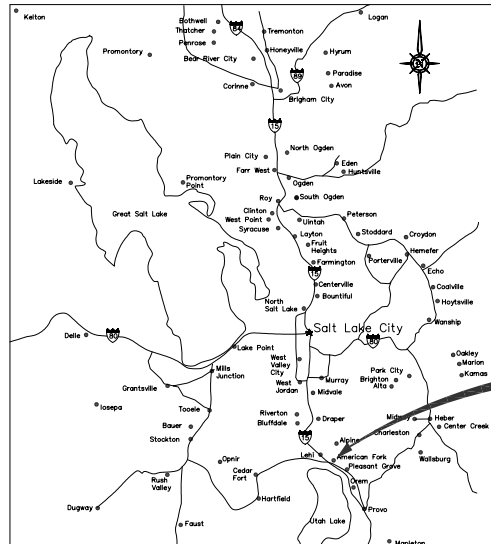
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CS102-2 PHASE 2 - EXISTING SITE UTILITY PLAN
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CU101-2 PHASE 2 - CONSTRUCTION PLAN
CU501-2 PHASE 2 - MISCELLANEOUS DETAILS

GI001-3 PHASE 3 - COVER SHEET
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CU103-4 PHASE 4 - SIGNAGE & STRIPING PLAN
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SALT LAKE AND UTAH COUNTY
VICINITY MAP

SITE LOCATION



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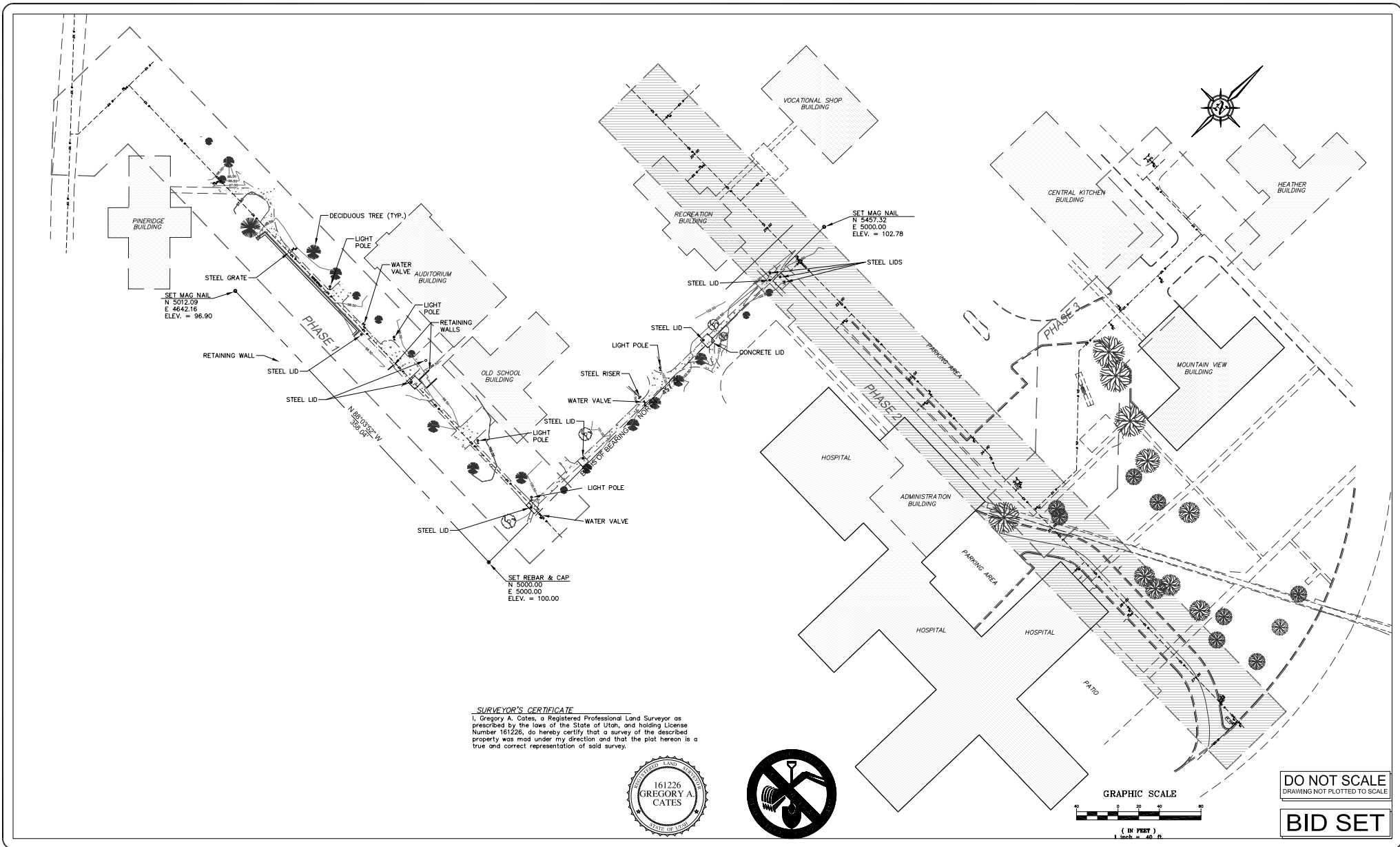
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850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 2 - COVER SHEET
DFCM PROJECT No. 97126280

GI001-2
SHEET 1 OF 6
011116
PROJECT NUMBER



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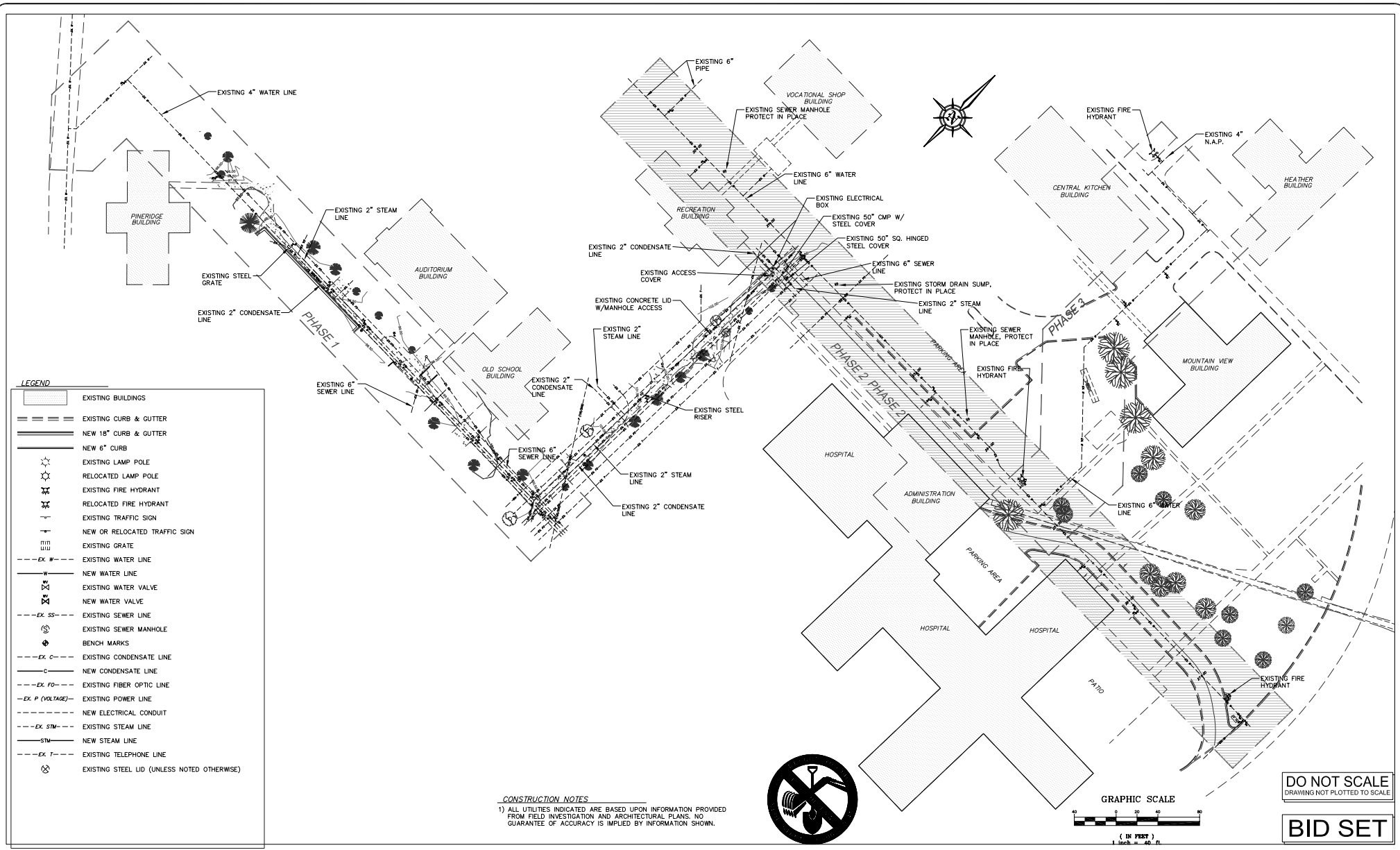
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 850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 2 - EXISTING TOPOGRAPHIC SURVEY MAP
 DFCM PROJECT No. 97126280

CS101-2
 SHEET 2 OF 6
 011116
 PROJECT NUMBER



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PRINCIPAL	PAUL J. HIRST	INITIAL/DATE
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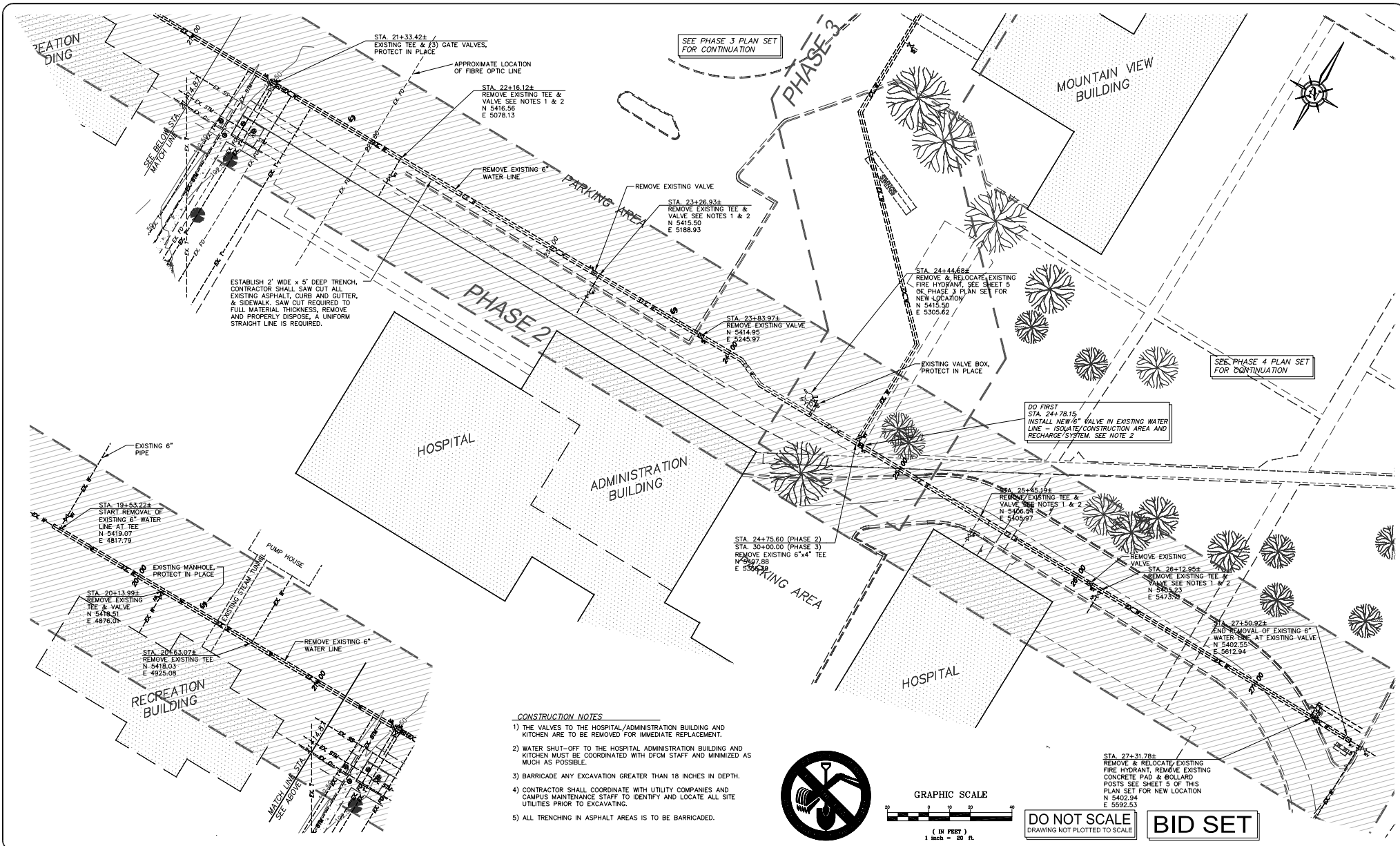
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850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 2 - EXISTING SITE UTILITY PLAN
DFCM PROJECT No. 97126280

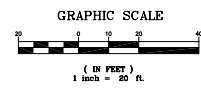
CS102-2

SHEET 3 OF 6

011116
PROJECT NUMBER



- CONSTRUCTION NOTES**
- 1) THE VALVES TO THE HOSPITAL/ADMINISTRATION BUILDING AND KITCHEN ARE TO BE REMOVED FOR IMMEDIATE REPLACEMENT.
 - 2) WATER SHUT-OFF TO THE HOSPITAL/ADMINISTRATION BUILDING AND KITCHEN MUST BE COORDINATED WITH DFCM STAFF AND MINIMIZED AS MUCH AS POSSIBLE.
 - 3) BARRICADE ANY EXCAVATION GREATER THAN 18 INCHES IN DEPTH.
 - 4) CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND CAMPUS MAINTENANCE STAFF TO IDENTIFY AND LOCATE ALL SITE UTILITIES PRIOR TO EXCAVATING.
 - 5) ALL TRENCHING IN ASPHALT AREAS IS TO BE BARRICADED.




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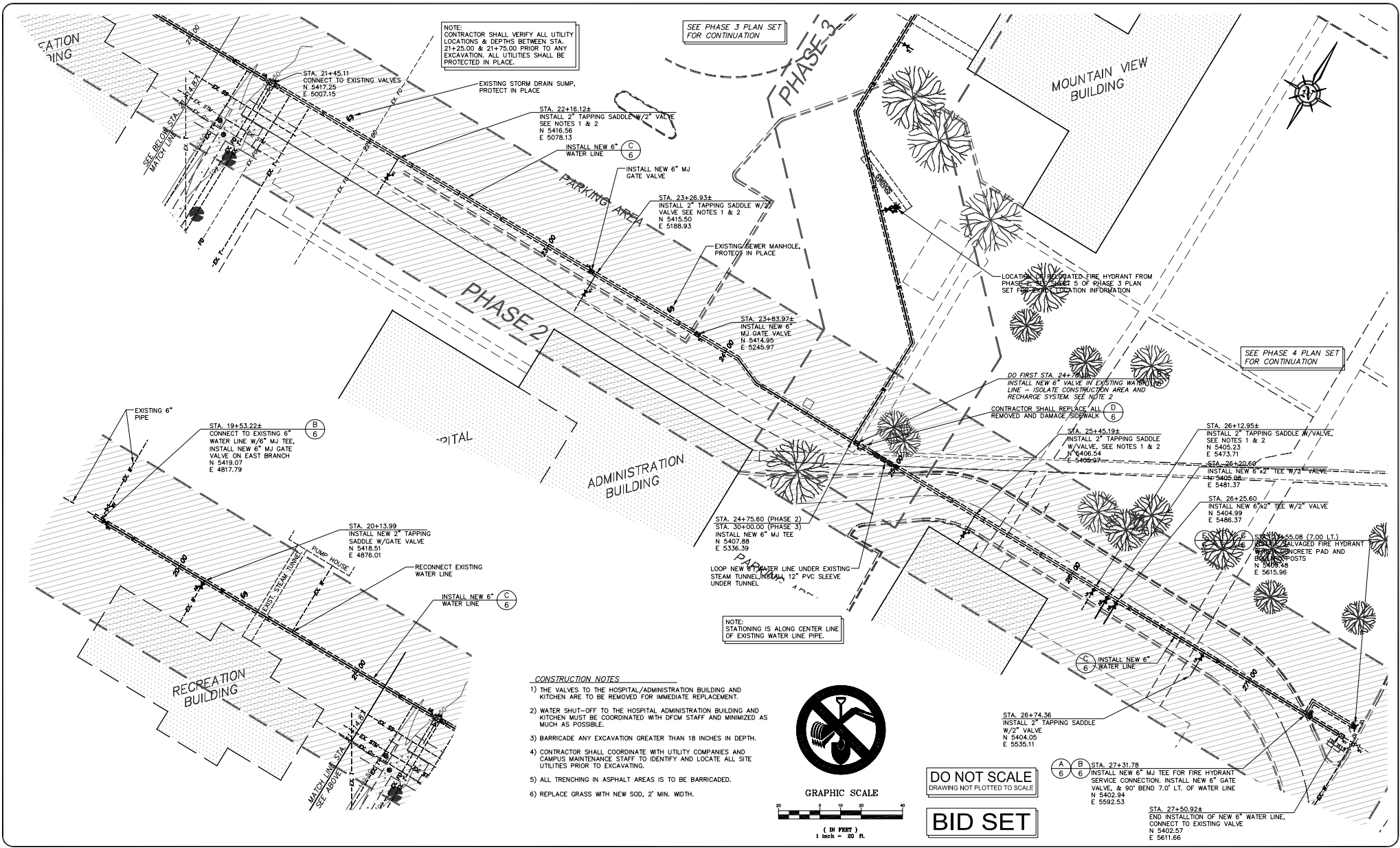


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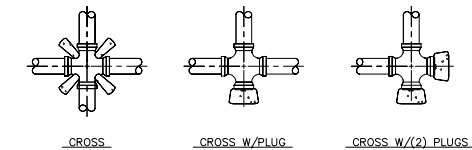
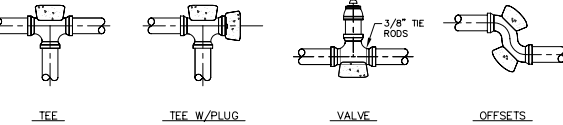
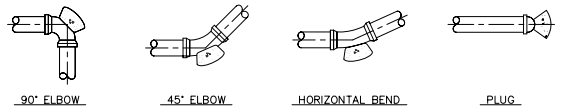
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PHASE 2 - DEMOLITION PLAN
DFCM PROJECT No. 97126280

CD101-2
SHEET 4 OF 6
011116
PROJECT NUMBER



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SCALE	1"=20'	DATE ISSUED	24 FEBRUARY 2003																																											



THRUST BLOCK SCHEDULE

DIMENSIONS ARE BASED ON THE FOLLOWING:
1. WATER TEST PRESSURE = 200 PSI
2. SOIL BEARING PRESSURE = 1200 PSF

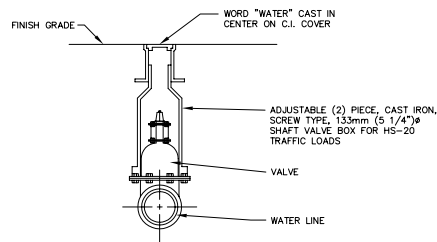
FITTING	THRUST (KIPS)	WIDTH (FEET)	HEIGHT (FEET)	LENGTH (FEET)
90° ELBOW	38.7	5.75	5.75	5.0
TEE	27.4	5.0	5.0	4.25
PLUG	27.4	5.0	5.0	4.25
45° ELBOW	21.0	4.50	4.50	4.0
22 1/2° BEND	10.7	3.0	3.0	2.75
11 1/4° BEND	5.4	2.25	2.25	2.0
5° DEFLECTION	1.4	1.25	1.25	1.0
CROSSES	THRUST BLOCKS TO BE INSTALLED PER DFCM STANDARD REQUIREMENTS			

NOTES:

1) MINIMUM 28 DAY CONCRETE COMPRESSION STRENGTH TO BE 2500 PSI.

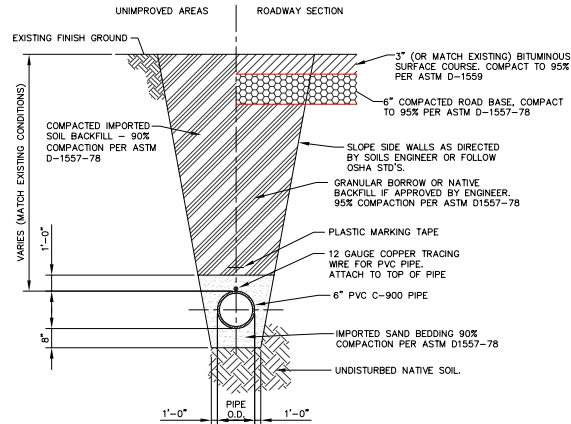
A THRUST BLOCK INSTALLATION DETAILS

SCALE: NONE



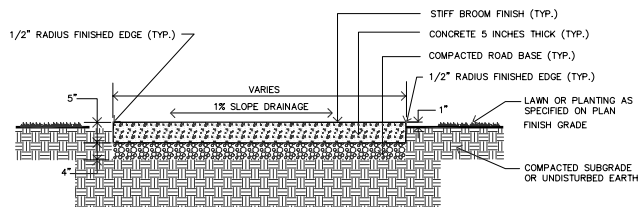
B VALVE BOX

SCALE: NONE



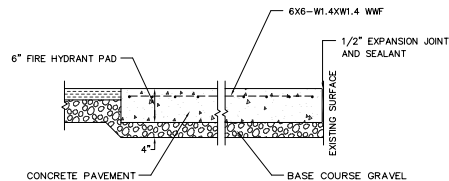
C TYPICAL TRENCH SECTION

SCALE: NONE



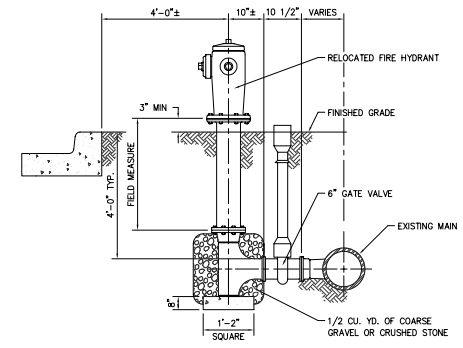
D TYPICAL SIDEWALK SECTION

SCALE: NONE



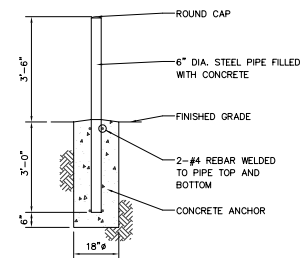
E CONCRETE PAD SECTION

SCALE: NONE



F FIRE HYDRANT DETAIL

SCALE: NONE



G BOLLARD DETAIL

SCALE: 1/2"=1'-0"

DO NOT SCALE
DRAWING NOT PLOTTED TO SCALE

BID SET

REV.	BY	DATE	DESCRIPTION

PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE AS NOTED	DATE ISSUED 24 FEBRUARY 2003

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AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 2 - MISCELLANEOUS DETAILS
DFCM PROJECT No. 97126280

CU501-2
SHEET 6 OF 6
011116
PROJECT NUMBER

AMERICAN FORK DEVELOPMENT CENTER

895 NORTH 900 EAST
AMERICAN FORK, UTAH

STATE OF UTAH
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
2003

PHASE 3 – PLAN SET

DFCM PROJECT No. 97126280

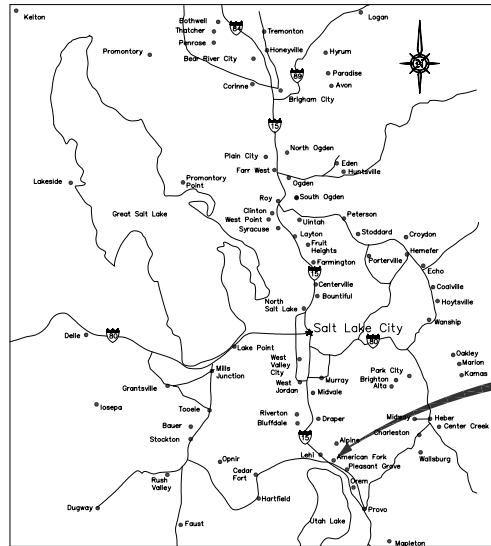
DRAWING INDEX

GI001-1 PHASE 1 - COVER SHEET
CS101-1 PHASE 1 - EXISTING TOPOGRAPHIC PHASE SURVEY MAP
CS102-1 PHASE 1 - EXISTING SITE UTILITY PLAN
CD101-1 PHASE 1 - DEMOLITION PLAN
CU101-1 PHASE 1 - CONSTRUCTION PLAN
CU501-1 PHASE 1 - MISCELLANEOUS DETAILS

GI001-2 PHASE 2 - COVER SHEET
CS101-2 PHASE 2 - EXISTING TOPOGRAPHIC SURVEY MAP
CS102-2 PHASE 2 - EXISTING SITE UTILITY PLAN
CD101-2 PHASE 2 - DEMOLITION PLAN
CU101-2 PHASE 2 - CONSTRUCTION PLAN
CU501-2 PHASE 2 - MISCELLANEOUS DETAILS

GI001-3 PHASE 3 - COVER SHEET
CS101-3 PHASE 3 - EXISTING TOPOGRAPHIC SURVEY MAP
CS102-3 PHASE 3 - EXISTING SITE UTILITY PLAN
CD101-3 PHASE 3 - DEMOLITION PLAN
CU101-3 PHASE 3 - CONSTRUCTION PLAN
CU501-3 PHASE 3 - MISCELLANEOUS DETAILS

GI001-4 PHASE 4 - COVER SHEET
CS101-4 PHASE 4 - EXISTING TOPOGRAPHIC SURVEY MAP
CD101-4 PHASE 4 - DEMOLITION PLAN
CU101-4 PHASE 4 - SPRINKLER PLAN
CU102-2 PHASE 4 - CONSTRUCTION PLAN
CU103-4 PHASE 4 - SIGNAGE & STRIPING PLAN
CU501-4 PHASE 4 - MISCELLANEOUS SECTIONS & DETAILS



SALT LAKE AND UTAH COUNTY
VICINITY MAP

SITE LOCATION



GENERAL NOTES:

- 1) ANY KNOWN SEWER MAINS, WATER MAINS, GAS MAIN, STORM DRAINS, IRRIGATION LINES, TELEPHONE CONDUITS, ELECTRICAL CABLES, AND OTHER UNDERGROUND STRUCTURES ARE SHOWN ON THESE DRAWINGS ON TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER. IT IS EXPECTED THAT THERE MAY BE DISCREPANCIES AND OMISSIONS IN THE LOCATION AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BUT IS NOT GUARANTEED TO BE EITHER CORRECT OR COMPLETE, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED. THE CONTRACTOR SHALL MAKE SUCH INVESTIGATION AS HE THINKS NECESSARY TO VERIFY ITS CORRECTNESS AND COMPLETENESS. THE CONTRACTOR SHALL, PRIOR TO EXCAVATION, LOCATE UNDERGROUND UTILITIES AND STRUCTURES, SO THAT THEY WILL NOT BE ACCIDENTALLY CUT OR DAMAGED BY THE CONSTRUCTION OPERATION, AND SO THAT THE GRADE OF THE PIPE CAN BE ADJUSTED AS REQUIRED.
- 2) CONTRACTOR SHALL CONTACT BLUE STAKE LOCATION CENTER AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION IS COMMENCED.
- 3) SEWER, GAS, WATER, AND OTHER SERVICES TO INDIVIDUAL STRUCTURES, THOUGH NOT SHOWN FOR CLARITY, DO EXIST AND SHALL BE AVOIDED AT NO ADDITIONAL COST TO THE OWNER.
- 4) OTHER UTILITY SERVICES SHALL BE RELOCATED AS NECESSARY AT NO COST TO THE OWNER.
- 5) THE SUCCESSFUL PERFORMANCE OF FIELD DENSITY TESTS SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET THE SPECIFIED DENSITY REQUIREMENTS FOR THE COMPLETE PROJECT. THE CONTRACTOR SHALL MAKE SUCH ADDITIONAL TESTS, AT HIS EXPENSE, AS MAY BE REQUIRED TO INSURE THAT THE WORK OF COMPACTION IS PERFORMED PROPERLY.
- 6) ACCESS TO THE CONSTRUCTION SITE SHALL BE FROM PUBLIC ROADS. ANY ACCESS ACROSS PRIVATE PROPERTY SHALL BE ARRANGED BY THE CONTRACTOR AND APPROVED BY THE OWNER.



State of Utah—Department of Administrative Services
DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT
4110 State Office Building/Salt Lake City, Utah 84114/536-3018

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BID SET

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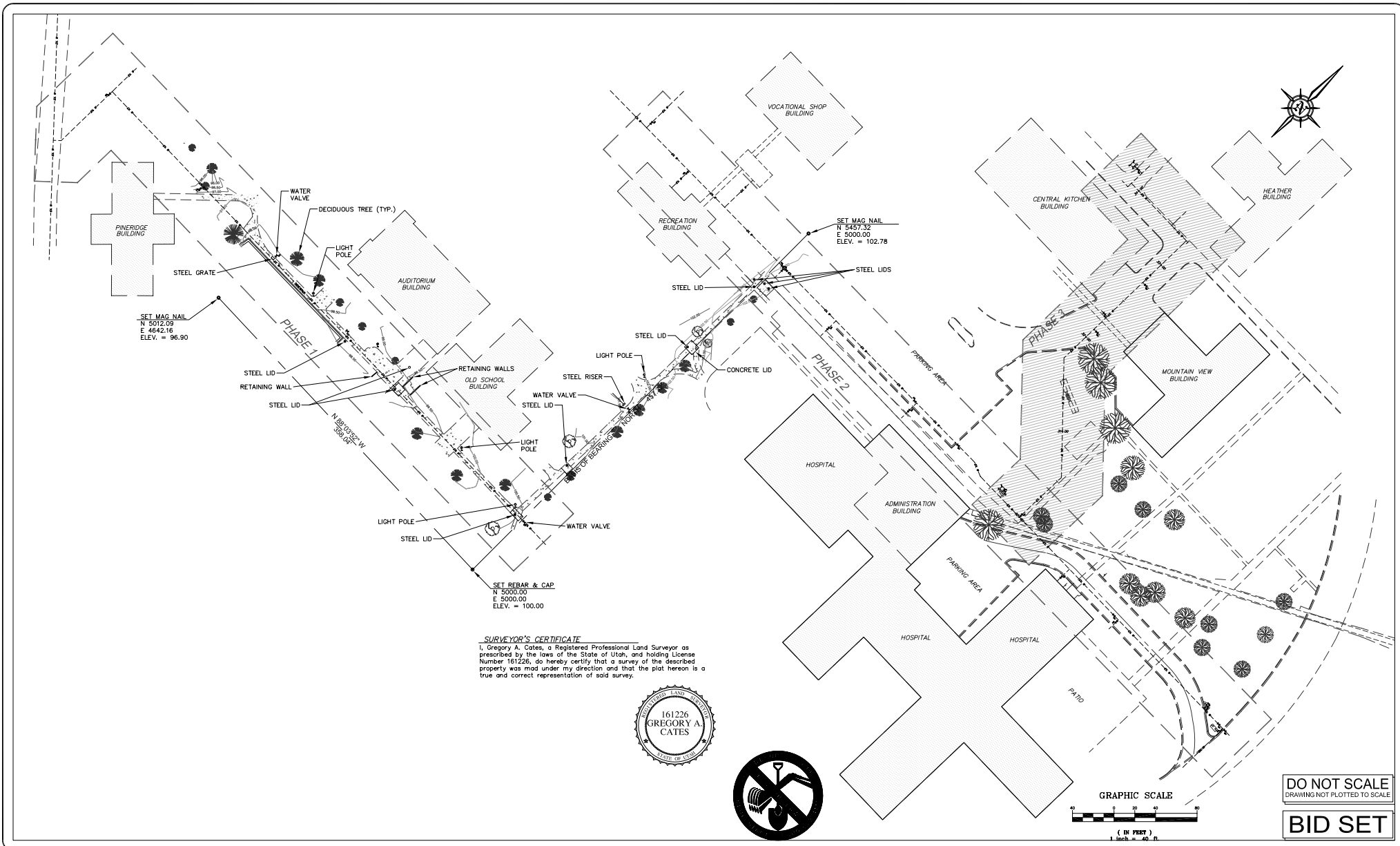
PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
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DRAWN BY PAUL S. HATCH	INITIAL/DATE
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850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 3 - COVER SHEET
DFCM PROJECT No. 97126280

GI001-3
SHEET 1 OF 6
011116
PROJECT NUMBER



REV.	BY	DATE	DESCRIPTION

PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE 1"=40'	DATE ISSUED 24 FEBRUARY 2003

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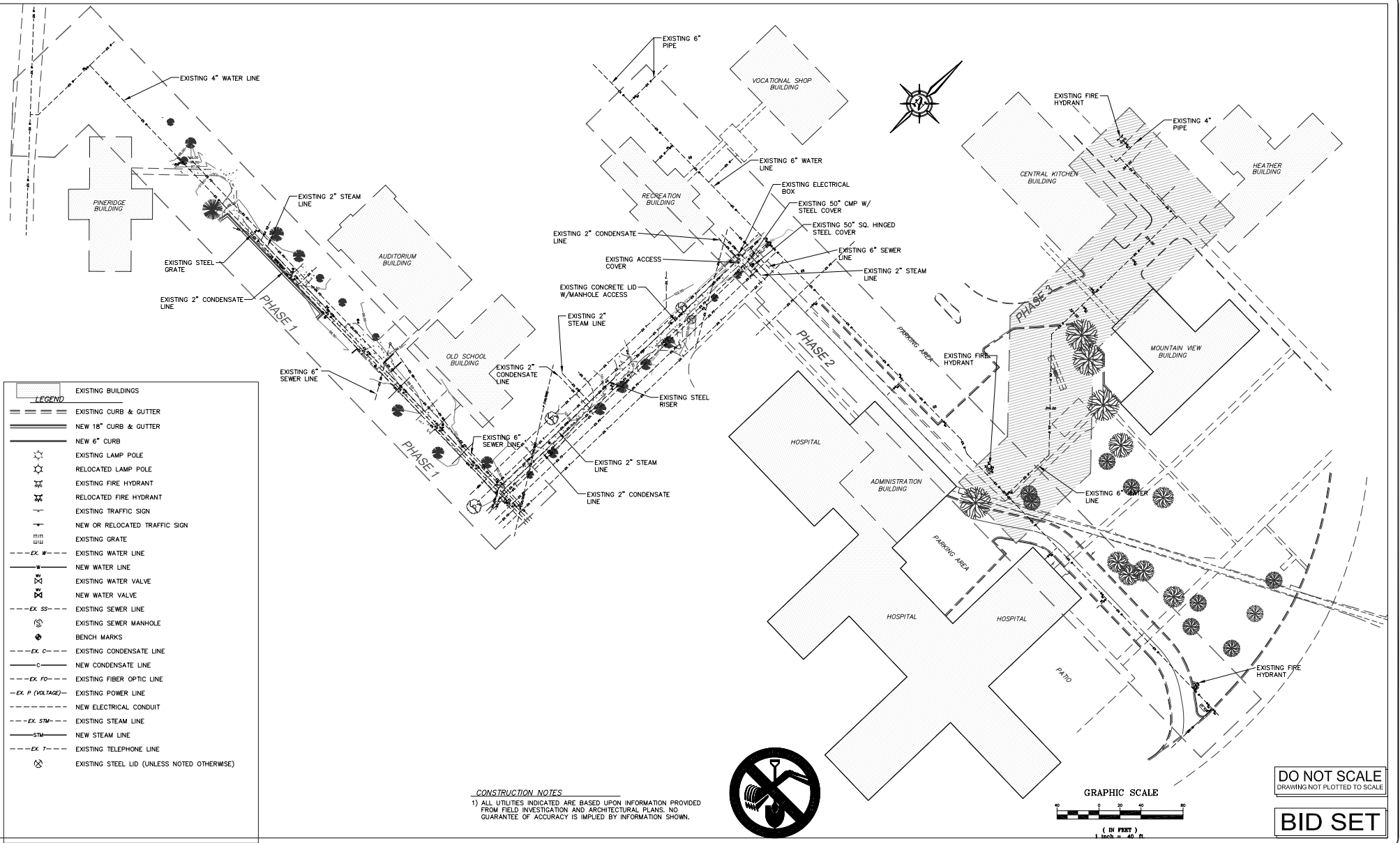
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PHASE 3 - EXISTING TOPOGRAPHIC SURVEY MAP
DFCM PROJECT No. 97126280

CS101-3

SHEET 2 OF 6

011116
PROJECT NUMBER



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SCALE 1"=40'	DATE ISSUED 24 FEBRUARY 2003

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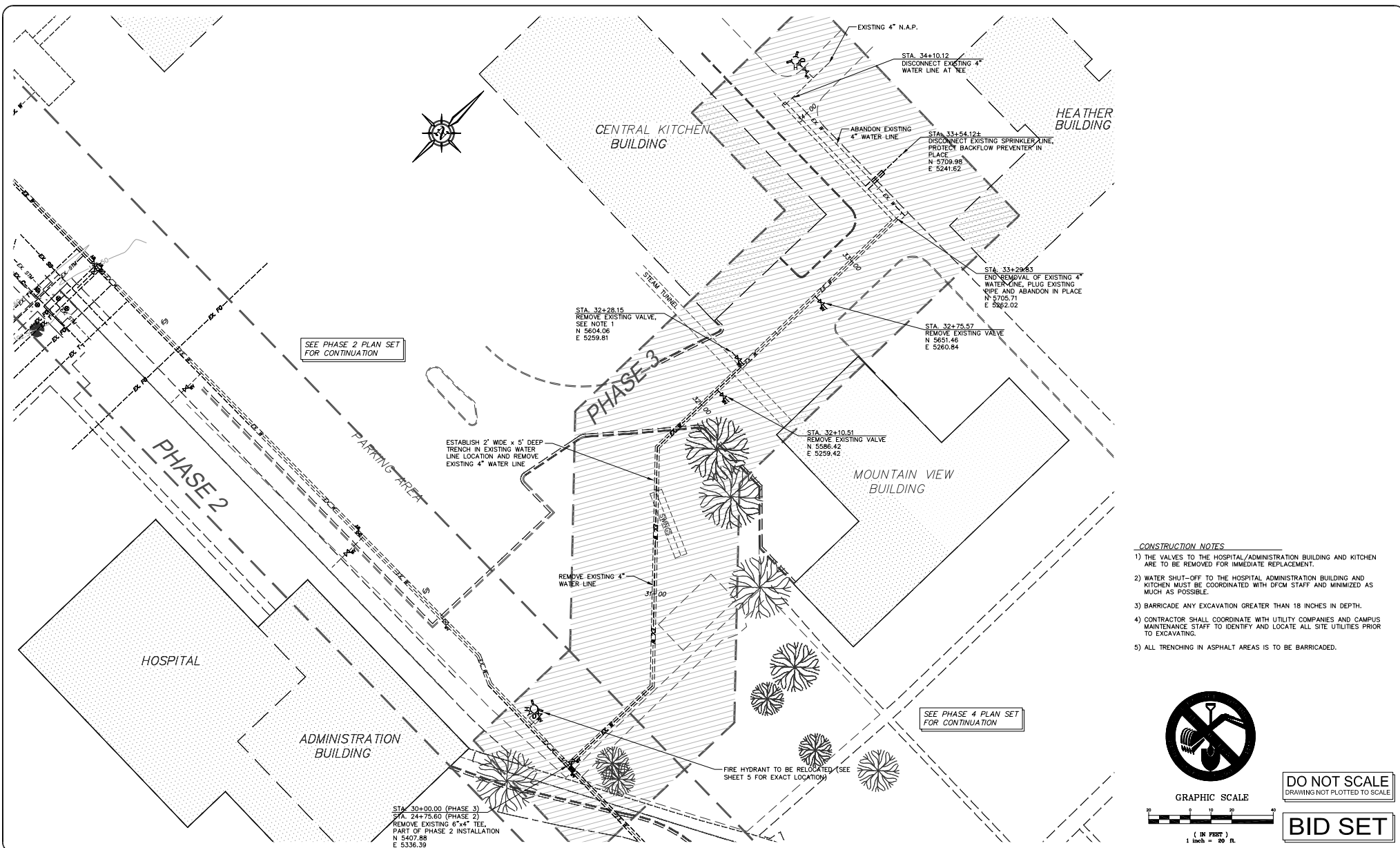
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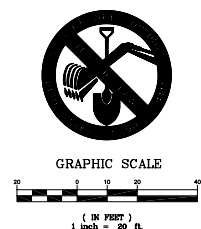
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PHASE 3 - EXISTING SITE UTILITY PLAN
DFCM PROJECT No. 97126280

CS102-3	SHEET 3 OF 6
011116	PROJECT NUMBER



- CONSTRUCTION NOTES**
- 1) THE VALVES TO THE HOSPITAL/ADMINISTRATION BUILDING AND KITCHEN ARE TO BE REMOVED FOR IMMEDIATE REPLACEMENT.
 - 2) WATER SHUT-OFF TO THE HOSPITAL ADMINISTRATION BUILDING AND KITCHEN MUST BE COORDINATED WITH DFCM STAFF AND MINIMIZED AS MUCH AS POSSIBLE.
 - 3) BARRICADE ANY EXCAVATION GREATER THAN 18 INCHES IN DEPTH.
 - 4) CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND CAMPUS MAINTENANCE STAFF TO IDENTIFY AND LOCATE ALL SITE UTILITIES PRIOR TO EXCAVATING.
 - 5) ALL TRENCHING IN ASPHALT AREAS IS TO BE BARRICADED.



DO NOT SCALE
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BID SET

REV.	BY	DATE	DESCRIPTION

PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE 1"=20'	DATE ISSUED 24 FEBRUARY 2003

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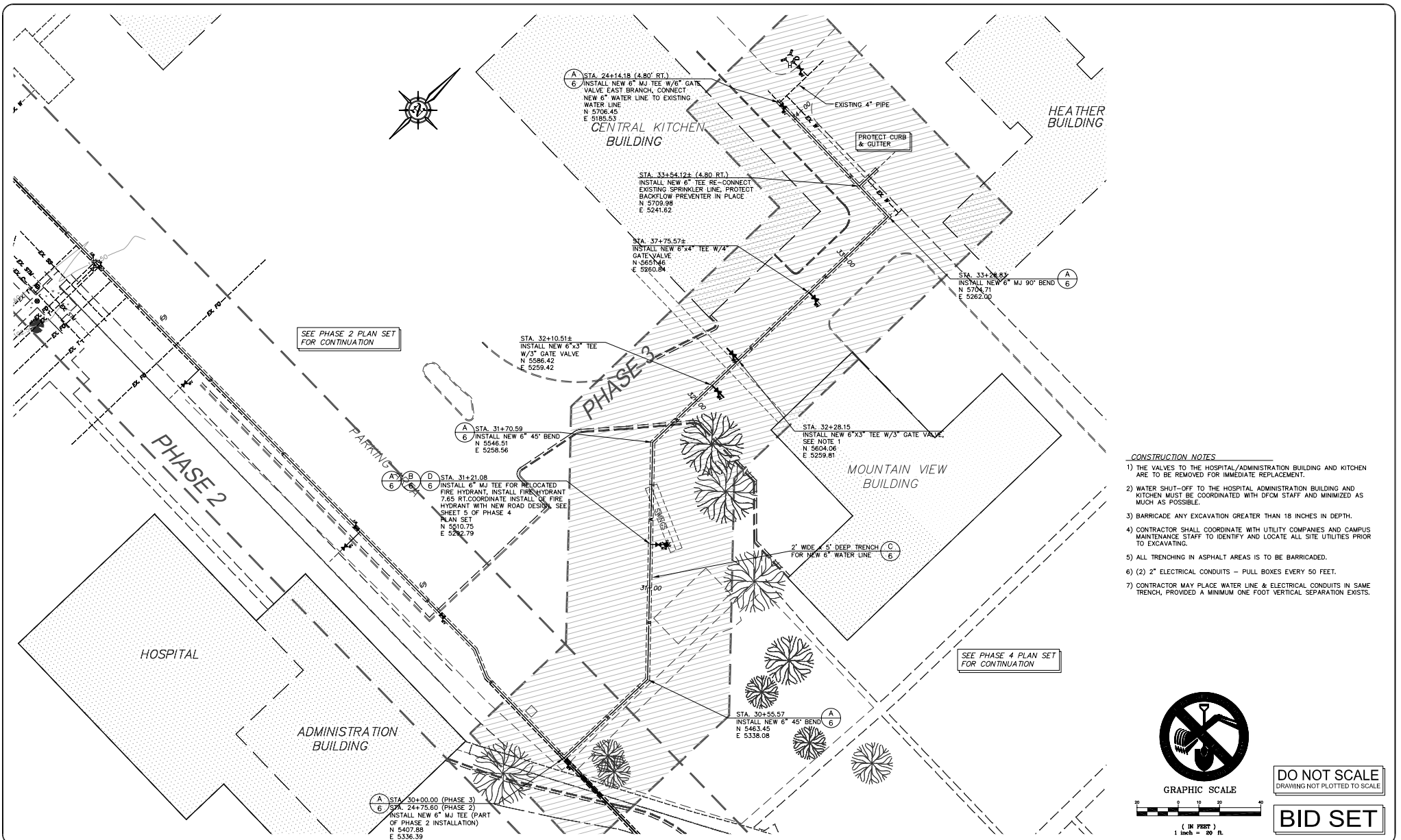
STATE OF UTAH - DIVISION OF FACILITIES - CONSTRUCTION AND MANAGEMENT

AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 3 - DEMOLITION PLAN
DFCM PROJECT No. 97.126280

CD101-3

SHEET 4 OF 6

011116
PROJECT NUMBER



- CONSTRUCTION NOTES**
- 1) THE VALVES TO THE HOSPITAL/ADMINISTRATION BUILDING AND KITCHEN ARE TO BE REMOVED FOR IMMEDIATE REPLACEMENT.
 - 2) WATER SHUT-OFF TO THE HOSPITAL ADMINISTRATION BUILDING AND KITCHEN MUST BE COORDINATED WITH DFCM STAFF AND MINIMIZED AS MUCH AS POSSIBLE.
 - 3) BARRICADE ANY EXCAVATION GREATER THAN 18 INCHES IN DEPTH.
 - 4) CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND CAMPUS MAINTENANCE STAFF TO IDENTIFY AND LOCATE ALL SITE UTILITIES PRIOR TO EXCAVATING.
 - 5) ALL TRENCHING IN ASPHALT AREAS IS TO BE BARRICADED.
 - 6) (2) 2" ELECTRICAL CONDUITS - PULL BOXES EVERY 50 FEET.
 - 7) CONTRACTOR MAY PLACE WATER LINE & ELECTRICAL CONDUITS IN SAME TRENCH, PROVIDED A MINIMUM ONE FOOT VERTICAL SEPARATION EXISTS.

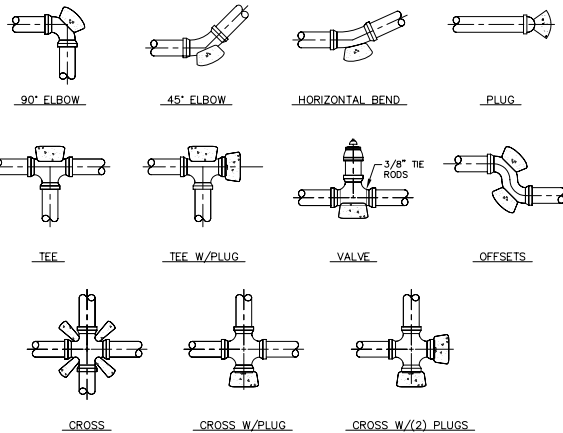
GRAPHIC SCALE

1 inch = 20 ft.

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BID SET

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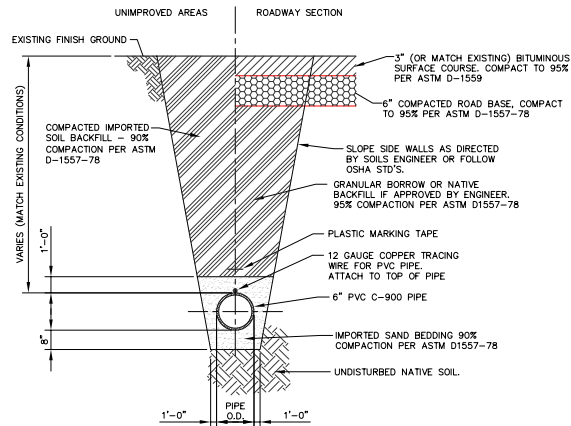
THRUST BLOCK SCHEDULE

DIMENSIONS ARE BASED ON THE FOLLOWING:
1. WATER TEST PRESSURE = 200 PSI
2. SOIL BEARING PRESSURE = 1200 PSF

FITTING	THRUST (KIPS)	WIDTH (FEET)	HEIGHT (FEET)	LENGTH (FEET)
90° ELBOW	38.7	5.75	5.75	5.0
TEE	27.4	5.0	5.0	4.25
PLUG	27.4	5.0	5.0	4.25
45° ELBOW	21.0	4.50	4.50	4.0
22 1/2° BEND	10.7	3.0	3.0	2.75
11 1/4° BEND	5.4	2.25	2.25	2.0
5° DEFLECTION	1.4	1.25	1.25	1.0
CROSSES	THRUST BLOCKS TO BE INSTALLED PER DFCM STANDARD REQUIREMENTS			

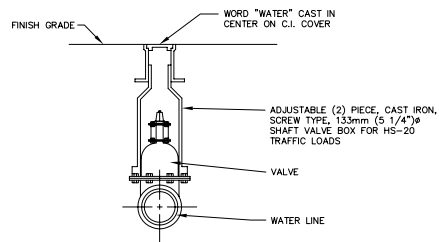
NOTES:

1) MINIMUM 28 DAY CONCRETE COMPRESSION STRENGTH TO BE 2500 PSI.

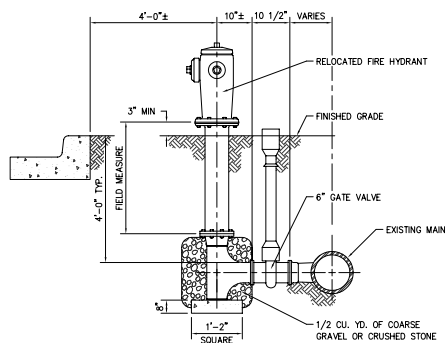


(C) TYPICAL TRENCH SECTION
5 SCALE: NONE

(A) THRUST BLOCK INSTALLATION DETAILS
5 SCALE: NONE



(B) VALVE BOX
5 SCALE: NONE



(D) FIRE HYDRANT DETAIL
5 SCALE: NONE

DO NOT SCALE
DRAWING NOT PLOTTED TO SCALE

BID SET

REV.	BY	DATE	DESCRIPTION

PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE AS NOTED	DATE ISSUED 24 FEBRUARY 2003

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STATE OF UTAH - DIVISION OF FACILITIES - CONSTRUCTION AND MANAGEMENT
AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 3 - MISCELLANEOUS DETAILS
DFCM PROJECT No. 97126280

CU501-3
SHEET 6 OF 6
011116
PROJECT NUMBER

AMERICAN FORK DEVELOPMENT CENTER

895 NORTH 900 EAST
AMERICAN FORK, UTAH

STATE OF UTAH
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
2003

PHASE 4 – PLAN SET

DFCM PROJECT No. 97126280

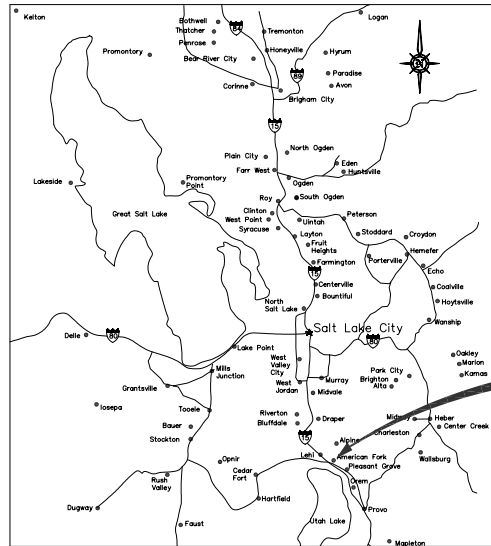
DRAWING INDEX

GI001-1 PHASE 1 - COVER SHEET
CS101-1 PHASE 1 - EXISTING TOPOGRAPHIC PHASE SURVEY MAP
CS102-1 PHASE 1 - EXISTING SITE UTILITY PLAN
CD101-1 PHASE 1 - DEMOLITION PLAN
CU101-1 PHASE 1 - CONSTRUCTION PLAN
CU501-1 PHASE 1 - MISCELLANEOUS DETAILS

GI001-2 PHASE 2 - COVER SHEET
CS101-2 PHASE 2 - EXISTING TOPOGRAPHIC SURVEY MAP
CS102-2 PHASE 2 - EXISTING SITE UTILITY PLAN
CD101-2 PHASE 2 - DEMOLITION PLAN
CU101-2 PHASE 2 - CONSTRUCTION PLAN
CU501-2 PHASE 2 - MISCELLANEOUS DETAILS

GI001-3 PHASE 3 - COVER SHEET
CS101-3 PHASE 3 - EXISTING TOPOGRAPHIC SURVEY MAP
CS102-3 PHASE 3 - EXISTING SITE UTILITY PLAN
CD101-3 PHASE 3 - DEMOLITION PLAN
CU101-3 PHASE 3 - CONSTRUCTION PLAN
CU501-3 PHASE 3 - MISCELLANEOUS DETAILS

GI001-4 PHASE 4 - COVER SHEET
CS101-4 PHASE 4 - EXISTING TOPOGRAPHIC SURVEY MAP
CD101-4 PHASE 4 - DEMOLITION PLAN
CU101-4 PHASE 4 - SPRINKLER PLAN
CU102-2 PHASE 4 - CONSTRUCTION PLAN
CU103-4 PHASE 4 - SIGNAGE & STRIPING PLAN
CU501-4 PHASE 4 - MISCELLANEOUS SECTIONS & DETAILS



SALT LAKE AND UTAH COUNTY
VICINITY MAP

SITE LOCATION



GENERAL NOTES:

- 1) ANY KNOWN SEWER MAINS, WATER MAINS, GAS MAIN, STORM DRAINS, IRRIGATION LINES, TELEPHONE CONDUITS, ELECTRICAL CABLES, AND OTHER UNDERGROUND STRUCTURES ARE SHOWN ON THESE DRAWINGS ON TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER. IT IS EXPECTED THAT THERE MAY BE DISCREPANCIES AND OMISSIONS IN THE LOCATION AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BUT IS NOT GUARANTEED TO BE EITHER CORRECT OR COMPLETE, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED. THE CONTRACTOR SHALL MAKE SUCH INVESTIGATION AS HE THINKS NECESSARY TO VERIFY ITS CORRECTNESS AND COMPLETENESS. THE CONTRACTOR SHALL, PRIOR TO EXCAVATION, LOCATE UNDERGROUND UTILITIES AND STRUCTURES, SO THAT THEY WILL NOT BE ACCIDENTALLY CUT OR DAMAGED BY THE CONSTRUCTION OPERATION, AND SO THAT THE GRADE OF THE PIPE CAN BE ADJUSTED AS REQUIRED.
- 2) CONTRACTOR SHALL CONTACT BLUE STAKE LOCATION CENTER AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION IS COMMENCED.
- 3) SEWER, GAS, WATER, AND OTHER SERVICES TO INDIVIDUAL STRUCTURES, THOUGH NOT SHOWN FOR CLARITY, DO EXIST AND SHALL BE AVOIDED AT NO ADDITIONAL COST TO THE OWNER.
- 4) OTHER UTILITY SERVICES SHALL BE RELOCATED AS NECESSARY AT NO COST TO THE OWNER.
- 5) THE SUCCESSFUL PERFORMANCE OF FIELD DENSITY TESTS SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO MEET THE SPECIFIED DENSITY REQUIREMENTS FOR THE COMPLETE PROJECT. THE CONTRACTOR SHALL MAKE SUCH ADDITIONAL TESTS, AT HIS EXPENSE, AS MAY BE REQUIRED TO INSURE THAT THE WORK OF COMPACTION IS PERFORMED PROPERLY.
- 6) ACCESS TO THE CONSTRUCTION SITE SHALL BE FROM PUBLIC ROADS. ANY ACCESS ACROSS PRIVATE PROPERTY SHALL BE ARRANGED BY THE CONTRACTOR AND APPROVED BY THE OWNER.



State of Utah-Department of Administrative Services
DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT
4110 State Office Building/Salt Lake City, Utah 84114/536-3016

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BID SET

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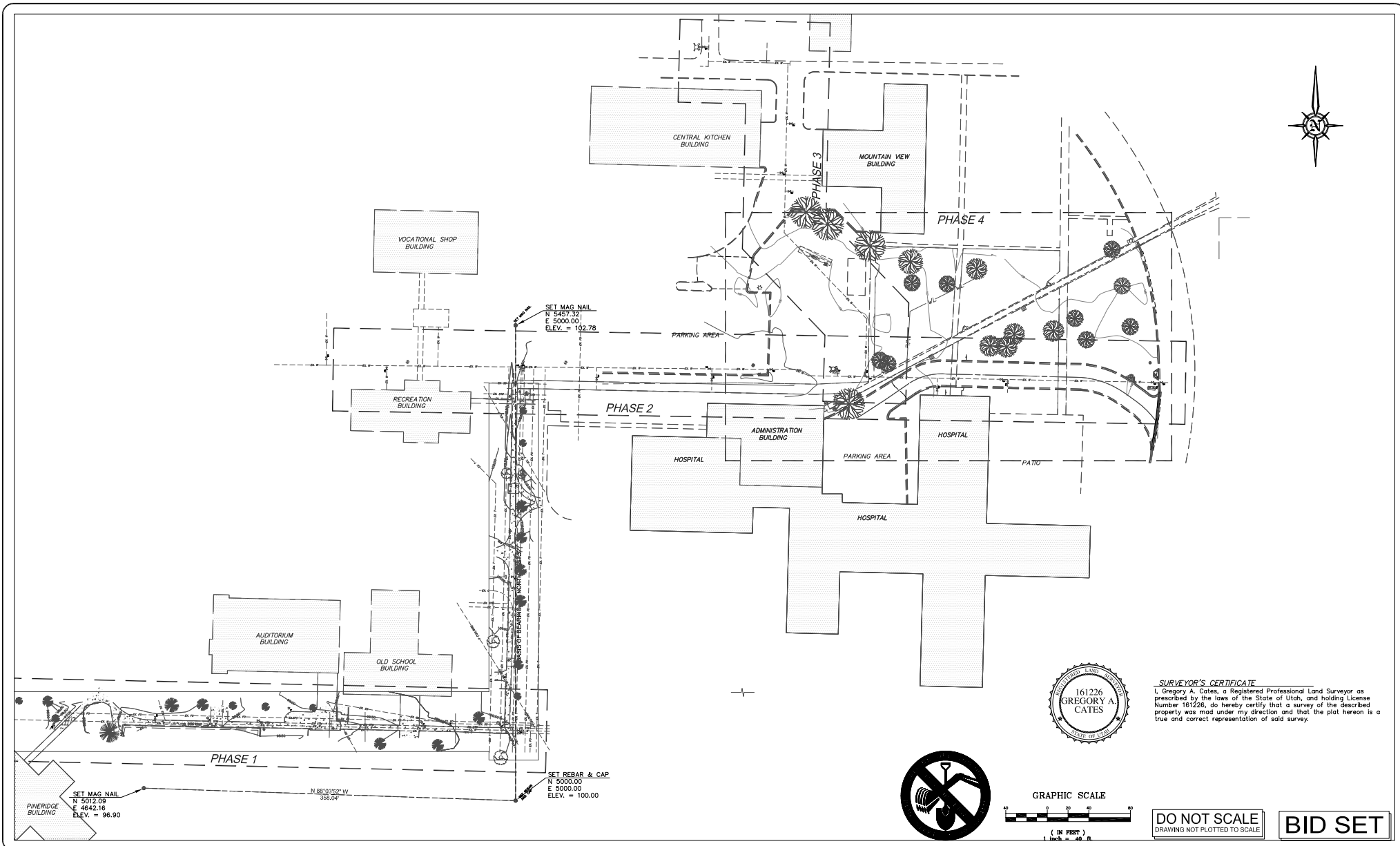
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PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE NO SCALE	DATE ISSUED 24 FEBRUARY 2003

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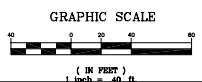
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AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 4 - COVER SHEET
DFCM PROJECT No. 97126280

GI001-4	SHEET 1 OF 7
011116	PROJECT NUMBER



SURVEYOR'S CERTIFICATE
I, Gregory A. Cates, a Registered Professional Land Surveyor as prescribed by the laws of the State of Utah, and holding License Number 161226, do hereby certify that a survey of the described property was made under my direction and that the plat hereon is a true and correct representation of said survey.



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BID SET

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PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE 1"=40'	DATE ISSUED 24 FEBRUARY 2003

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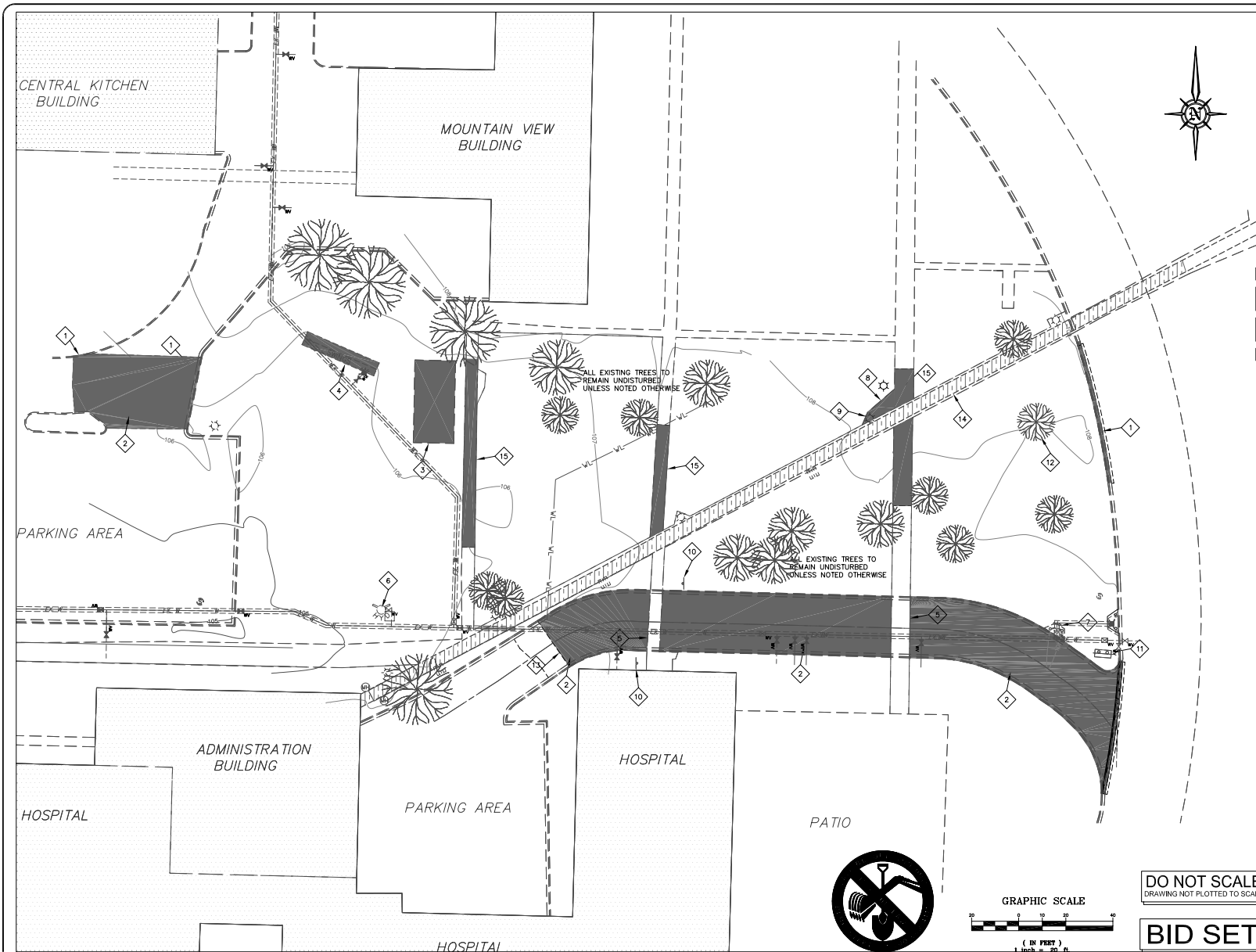
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AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 4 - EXISTING TOPOGRAPHIC MAP
DFCM PROJECT No. 97126280

CS1014

SHEET 2 OF 7

011116
PROJECT NUMBER



KEYED CONSTRUCTION NOTES

- CONTRACTOR SHALL REMOVE A PORTION OF EXISTING CURB & GUTTER, AS INDICATED BY SHADED AREA, SEE DRAWING 5 FOR EXACT LOCATION OF SAW CUTS.
- CONTRACTOR SHALL REMOVE EXISTING ASPHALT, AND CURB & GUTTER, AS INDICATED BY SHADED AREA.
- CONTRACTOR SHALL REMOVE EXISTING CONCRETE PAD AND CANOPY, AS INDICATED BY SHADED AREA.
- CONTRACTOR SHALL REMOVE EXISTING PLAY AREA, AS INDICATED BY SHADED AREA.
- EXISTING SIDEWALK TO REMAIN UNDISTURBED AND IN PLACE. DAMAGE TO EXISTING SIDEWALK SHALL BE REPAIRED AND/OR REPLACED AT CONTRACTORS EXPENSE.
- EXISTING FIRE HYDRANT TO BE RELOCATED, SEE PHASE 2 AND 3 PLAN SETS FOR RELOCATION INFORMATION. (NOT PART OF PHASE 4 PLANS)
- EXISTING FIRE HYDRANT TO BE RELOCATED, SEE PHASE 2 PLAN SET FOR RELOCATION INFORMATION. (NOT PART OF PHASE 4 PLANS)
- CONTRACTOR SHALL REMOVE EXISTING BENCH AREA.
- CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING LIGHT POLE. LOCATION OF REINSTALLATION OF LIGHT POLE SHALL BE DETERMINED IN THE FIELD, SEE DRAWING 5 FOR APPROXIMATE LOCATION AND INFORMATION.
- CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING STOP SIGNS. SEE DRAWING C5 FOR APPROXIMATE LOCATION AND REINSTALLATION INFORMATION.
- CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING BUILDING DIRECTIONAL SIGN. SEE DRAWING C5 FOR APPROXIMATE LOCATION AND REINSTALLATION INFORMATION.
- CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING TREE. SEE DRAWING 5 FOR APPROXIMATE LOCATION.
- CONTRACTOR SHALL SAW CUT EXISTING CURB & GUTTER, AND ASPHALT TO FULL DEPTH. SEE DRAWING 5 FOR EXACT LOCATION OF SAW CUT.
- CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT EXISTING UNDERGROUND STEAM TUNNEL, AND SIDEWALK ABOVE. ANY DAMAGE TO THE STEAM TUNNEL SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL REMOVE EXISTING SIDEWALK AS INDICATED BY SHADED AREA. SIDEWALK NOT TO BE REMOVED UNTIL A SURVEY HAS BEEN CONDUCTED TO OUTLINE CONSTRUCTION LIMITS OF ROAD.

LEGEND

- REMOVE EXISTING ASPHALT, CURB AND GUTTER, SIDEWALK, & FACILITY
- EXISTING BUILDINGS
- EXISTING STEAM TUNNEL TO BE PROTECTED IN PLACE
- EXISTING CURB & GUTTER
- NEW 18" CURB & GUTTER
- NEW 6" CURB
- EXISTING LAMP POLE
- RELOCATED LAMP POLE
- EXISTING FIRE HYDRANT
- RELOCATED FIRE HYDRANT
- EXISTING TRAFFIC SIGN
- NEW OR RELOCATED TRAFFIC SIGN
- EXISTING GRATE
- EXISTING WATER LINE
- EXISTING WATER VALVE
- EXISTING SPRINKLER WATER LINE
- PROPOSED SPRINKLER WATER LINE
- EXISTING SPRINKLER SYSTEM UNDERGROUND WIRES
- PROPOSED SPRINKLER SYSTEM UNDERGROUND WIRES
- EXISTING SPRINKLER HEAD
- EXISTING SPRINKLER HEAD TO BE RELOCATED
- NEW OR RELOCATED SPRINKLER HEAD
- EXISTING SPRINKLER CONTROL BOX
- EXISTING SPRINKLER CONTROL BOX TO BE RELOCATED
- NEW OR RELOCATED SPRINKLER CONTROL BOX
- EXISTING SEWER LINE
- EXISTING SEWER MANHOLE
- BENCH MARKS
- GRADING TAGS
- KEY NOTE TAGS
- C1 L1 CURB DATA TAGS

DO NOT SCALE
DRAWING NOT PLOTTED TO SCALE

BID SET

REV.	BY	DATE	DESCRIPTION

PRINCIPAL PAUL J. HIRST PROJECT MANAGER JERRY RECHTENBACH CHECKER DRAWN BY PAUL S. HATCH SCALE 1"=20'	INITIAL/DATE INITIAL/DATE INITIAL/DATE INITIAL/DATE DATE ISSUED 24 FEBRUARY 2003
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 AMERICAN FORK DEVELOPMENT CENTER
 850 NORTH 900 EAST AMERICAN FORK, UTAH
 PHASE 4 - DEMOLITION PLAN
 DFCM PROJECT No. 97.126280

CD101-4
 SHEET 3 OF 7
 011116
 PROJECT NUMBER

TRAL KITCHEN
UILDING

MOUNTAIN VIEW
BUILDING

NOTE:
CONTRACTOR SHALL ADJUST SPRAY PATTERN OF
ALL SPRINKLER HEADS AFTER CONSTRUCTION OF
ROAD AND PLACEMENT OF BACKFILL.

SCB

KING AREA

ADMINISTRATION
BUILDING

HOSPITAL

PARKING AREA

PATIO

KEYED CONSTRUCTION NOTES

- 1 CONTRACTOR TO REMOVE AND SALVAGE EXISTING SPRINKLER HEAD.
- 2 CONTRACTOR TO RELOCATE SALVAGED SPRINKLER HEAD. REINSTALL SPRINKLER HEAD IN A MANNER THAT WILL NOT DISRUPT THE NORMAL OPERATION OF THE EXISTING SYSTEM. ANY DAMAGE DONE TO THE EXISTING SYSTEM WILL BE REPAIRED AND/OR REPLACED AT CONTRACTORS EXPENSE.
- 3 CONTRACTOR SHALL INSTALL NEW SPRINKLER SYSTEM PIPE. CONTRACTOR SHALL MATCH MATERIALS OF EXISTING SPRINKLER SYSTEM.
- 4 CONTRACTOR SHALL INSTALL NEW SPRINKER HEADS. CONTRACTOR SHALL MATCH EXISTING SPRINKLER SYSTEM EQUIPMENT.
- 5 CONTRACTOR SHALL REMOVE AND SALVAGE ALL PARTS ASSOCIATED WITH SPRINKLER SYSTEM CONTROL BOXES.
- 6 CONTRACTOR SHALL INSTALL SALVAGED SPRINKLER SYSTEM CONTROL BOXES. CONTRACTOR TO ONLY REUSE PARTS OR MATERIALS THAT ARE IN GOOD CONDITION. ALL OTHER PARTS SHOULD BE INSTALLED NEW.
- 7 CONTRACTOR TO INSTALL NEW SPRINKLER SYSTEM CONTROL WIRES. MATCH EXISTING MATERIALS. PLACE WIRES IN PVC SCH. 40 SLEEVE UNDER ROADWAY.
- 8 CONTRACTOR SHALL REMOVE EXISTING SPRINKLER SYSTEM PIPE AS INDICATED.
- 9 PLACE NEW SPRINKLER PIPE IN A PVC SCH. 40 SLEEVE, 2 PIPE SIZES LARGER THAN REQUIRED SPRINKLER LINE.



GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

DO NOT SCALE
DRAWING NOT PLOTTED TO SCALE

BID SET

REV.	BY	DATE	DESCRIPTION

PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE 1"=20'	DATE ISSUED 24 FEBRUARY 2003

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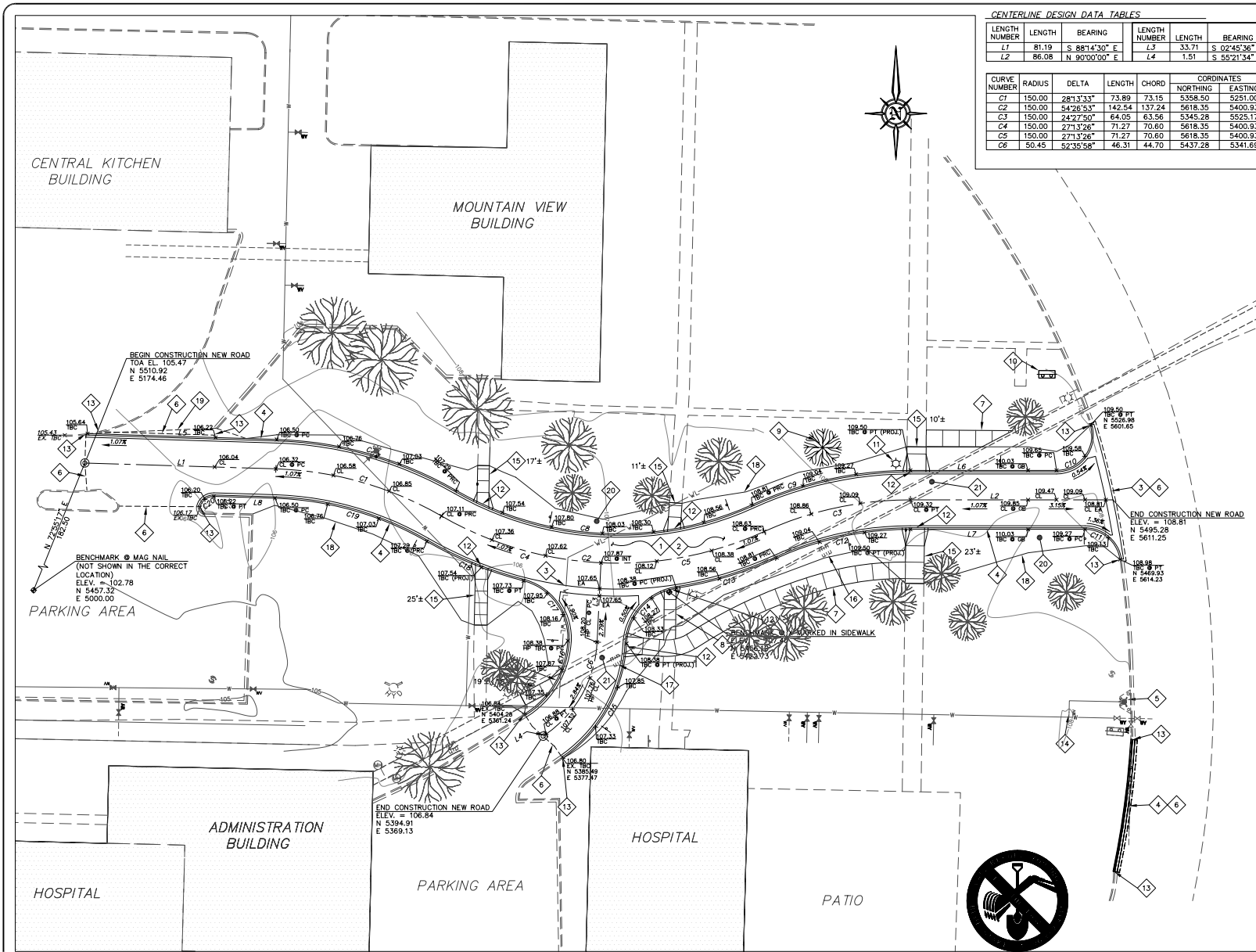


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AMERICAN FORK DEVELOPMENT CENTER
850 NORTH 900 EAST AMERICAN FORK, UTAH
PHASE 4 - SPRINKLER SYSTEM PLAN
DFCM PROJECT No. 97126280

CUI01-4
SHEET
4
OF
7
011116
PROJECT NUMBER



CENTERLINE DESIGN DATA TABLES

LENGTH NUMBER	LENGTH	BEARING	LENGTH NUMBER	LENGTH	BEARING
L1	81.19	S 88°14'30" E	L3	33.71	S 02°45'36" W
L2	86.08	N 90°00'00" E	L4	1.51	S 55°21'34" W

CURVE NUMBER	RADIUS	DELTA	LENGTH	CHORD	NORTHING	EASTING
C1	150.00	28°13'33"	73.89	73.15	5358.50	5251.00
C2	150.00	54°26'53"	142.54	137.24	5618.35	5400.93
C3	150.00	24°27'50"	64.05	63.56	5345.28	5525.17
C4	150.00	27°13'26"	71.27	70.60	5618.35	5400.93
C5	150.00	27°13'26"	71.27	70.60	5618.35	5400.93
C6	50.45	52°35'58"	46.31	44.70	5437.28	5341.69

CURB TABLES

LENGTH NUMBER	LENGTH	BEARING	LENGTH NUMBER	LENGTH	BEARING
L5	80.41	S 88°14'30" E	L7	74.22	N 90°00'00" E
L6	62.09	N 90°00'00" E	L8	26.00	S 88°14'30" E

CURVE NUMBER	RADIUS	DELTA	LENGTH	CHORD	NORTHING	EASTING
C7	162.50	28°13'33"	80.05	79.25	5358.50	5251.00
C8	137.50	54°26'53"	130.67	125.80	5618.35	5400.93
C9	162.50	24°27'50"	69.38	68.86	5345.28	5525.17
C10	15.00	106°16'24"	27.82	24.00	5522.78	5587.25
C11	15.00	81°44'41"	21.40	19.63	5447.78	5599.38
C12	137.50	24°27'50"	58.71	58.26	5345.28	5525.17
C13	162.50	15°41'13"	44.49	44.35	5618.35	5400.93
C14	25.00	78°27'47"	34.24	31.62	5433.04	5429.54
C15	62.95	52°35'58"	57.79	55.78	5437.28	5341.69
C16	38.85	56°28'51"	37.62	36.17	5437.32	5340.79
C17	25.00	78°27'47"	34.24	31.62	5436.65	5354.63
C18	162.50	15°41'13"	44.49	44.35	5618.35	5400.93
C19	137.50	28°13'33"	67.74	67.05	5358.50	5251.00
C20	5.79	80°30'44"	8.14	7.49	5490.94	5229.06

- KEYED CONSTRUCTION NOTES
- ROAD AREA - INSTALL 8" MIN. 3/4" GRADATION UNTREATED BASE COURSE TO SUBGRADE. PLACE IN MAXIMUM 6" LIFTS. COMPACT TO 95% ASTM D-1557. SEE DETAIL "5" ON SHEET "7" FOR TYPICAL ROAD SECTION.
 - ROAD AREA - INSTALL 3" BITUMINOUS SURFACE COURSE 1/2" GRADATION. SEE DETAIL "5" ON SHEET "7" FOR TYPICAL ROAD SECTION.
 - ROAD AREA - INSTALL NEW 36" CONCRETE WATERWAY. CONTRACTOR TO MATCH EXISTING CONDITIONS AT EXISTING CURB AND GUTTER AS WELL AS EXISTING ASPHALT. SEE DETAIL "3" ON SHEET 7.
 - ROAD AREA - CONTRACTOR TO INSTALL NEW 18" CURB & GUTTER. SEE DETAIL "2" ON SHEET 7.
 - LOCATION OF RELOCATED FIRE HYDRANT - SEE PHASE 2 PLAN SET FOR RELOCATION INFORMATION.
 - ASPHALT CUT - CONTRACTOR SHALL MAINTAIN A 1'-0" MIN. SAW CUT FROM EXISTING EDGE OF ASPHALT. SAW CUT SHALL BE REQUIRED TO FULL PAVEMENT THICKNESS. REMOVE ALL BASE AND SUB-BASE COURSE MATERIALS AND RECOMPACT TO 95% PER ASTM D-1557.
 - 7'-0" WIDE CONCRETE SIDEWALK - CONTRACTOR SHALL INSTALL NEW SIDEWALK IN A MANNER THAT IS CONSISTENT WITH SIDEWALKS IN THE AREA. SEE DETAIL "1" ON SHEET 7.
 - 5'-0" WIDE CONCRETE SIDEWALK - CONTRACTOR SHALL INSTALL NEW SIDEWALK IN A MANNER THAT IS CONSISTENT WITH SIDEWALKS IN THE AREA. SEE DETAIL "1" ON SHEET 7.
 - APPROXIMATE LOCATION OF RELOCATED TREE.
 - APPROXIMATE LOCATION OF RELOCATED HOSPITAL DIRECTIONAL SIGN. REINSTALLATION OF SIGN TO BE CONSISTENT WITH CURRENT CONDITIONS.
 - APPROXIMATE LOCATION OF RELOCATED LIGHT POLE. REINSTALLATION OF LIGHT POLE SHALL BE CONSISTENT WITH EXISTING INSTALLATION.
 - CROSSWALK DROP CURB - SEE DETAIL "4" ON SHEET 7.
 - CONTRACTOR SHALL SAW OUT EXISTING CURB AND GUTTER TO FULL DEPTH.
 - CONTRACTOR TO REBUILD EXISTING VALVE BOX AND MAINTAIN VALVE LOCATION. DO NOT SHUT DOWN MAIN LINE DURING CONSTRUCTION.
 - CONTRACTOR TO INSTALL NEW SIDEWALK. MATCH EXISTING SIDEWALK WIDTH. SLOPE OF NEW SIDEWALK SHALL NOT TO EXCEED 8%.
 - CONTRACTOR TO RAISE EXISTING TUNNEL VENTILATION GRATE. USE NEW GRADE RINGS OR FORM CONCRETE TO ACHIEVE TOP OF GRATE ELEVATION 109.04.
 - CONTRACTOR TO REMOVE EXISTING TUNNEL VENTILATION GRATE. CONTRACTOR SHALL REPAIR TUNNEL AT VENTILATION GRATE LOCATION IN A MANNER THAT IS EQUAL TO OR BETTER THAN CURRENT CONDITIONS.
 - TOE OF FILL SLOPE. CONTRACTOR SHALL MAINTAIN A MAXIMUM OF 12:1 SLOPE IN ALL SIDEWALK AREAS, AND A 5:1 SLOPE IN ALL NON-SIDEWALK AREAS.
 - TOP OF CUT SLOPE. CONTRACTOR SHALL MAINTAIN A MAXIMUM OF 12:1 SLOPE.
 - PROVIDE MINIMUM 2" TOPSOIL AND SOD IN FILL AREA ADJACENT TO NEW ROADWAY.
 - TUNNEL BRIDGING - SEE DETAIL "6" ON SHEET "7". BRIDGING SHALL BE CONTINUOUS OVER EXISTING TUNNEL IN PAVED AREAS.

GRAPHIC SCALE
1 inch = 20 ft.

DO NOT SCALE
DRAWING NOT PLOTTED TO SCALE

BID SET

REV.	BY	DATE	DESCRIPTION

PRINCIPAL PAUL J. HIRST	INITIAL/DATE
PROJECT MANAGER JERRY RECHTENBACH	INITIAL/DATE
CHECKER	INITIAL/DATE
DRAWN BY PAUL S. HATCH	INITIAL/DATE
SCALE 1"=20'	DATE ISSUED 24 FEBRUARY 2003

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CUR102-4	SHEET 5 OF 7
011116 PROJECT NUMBER	

CENTRAL KITCHEN
BUILDING

MOUNTAIN VIEW
BUILDING

PARKING AREA

ADMINISTRATION
BUILDING

HOSPITAL

PARKING AREA

HOSPITAL

PATIO

HOSPITAL



KEYED CONSTRUCTION NOTES

- 1 SIGN - INSTALL EXISTING STOP SIGN (R1-1) REMOVED AT DEMOLITION, INSTALL PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, MILLENNIUM EDITION (DECEMBER 2000).
- 2 SIGN - INSTALL CROSSING SIGN (W11-2), REFERENCE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, MILLENNIUM EDITION (DECEMBER 2000).
- 3 SIGN - INSTALL HOSPITAL DIRECTIONAL SIGN REMOVED AT DEMOLITION, INSTALL SIGN CONSISTENT WITH EXISTING INSTALLATION.
- 4 PAINT - 4" SOLID YELLOW CENTER LINE
- 5 PAINT - 8" SOLID WHITE LINE CROSSWALK LINE
- 6 PAINT - 8" SOLID WHITE LINE STOP BAR



GRAPHIC SCALE

(IN FEET)
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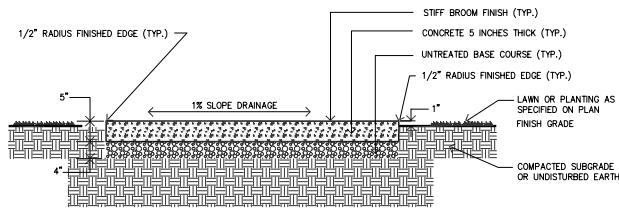


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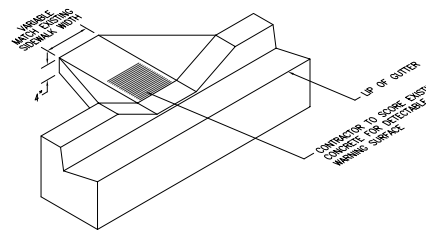
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PHASE 4 - SIGNAGE & STRIPING PLAN
DFCM PROJECT No. 97126280

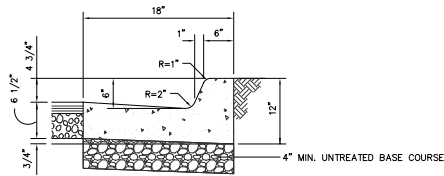
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OF
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CU103-4
011116
PROJECT NUMBER



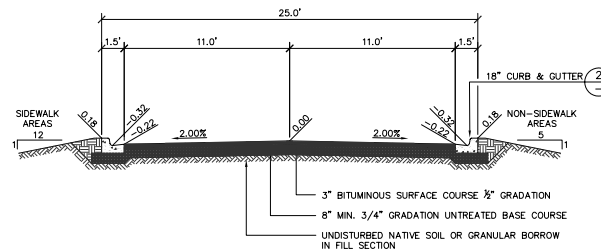
1
5 TYPICAL CONCRETE WALK
SCALE: N.T.S.



4
5 CROSSWALK DROP CURB DETAIL
SCALE: NONE

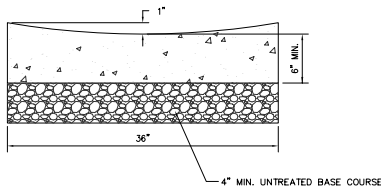


2
5 18" CURB & GUTTER DETAIL
SCALE: 1"=1'-0"

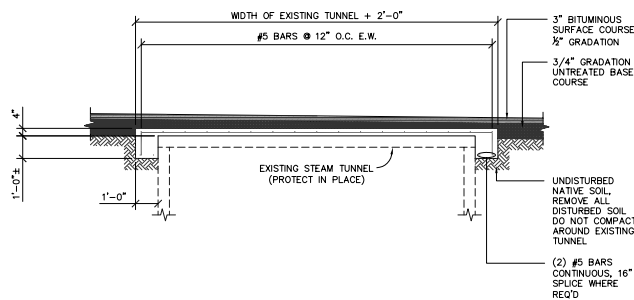


5
5 TYPICAL ROAD SECTION
SCALE: 1"=4'

NOTE: FLOWLINE DEPTH
MAY VARY FROM 1"
WHEN CALLED OUT ON
PLAN.



3
5 36" CONCRETE WATERWAY SECTION
SCALE: 1"=1'-0"



6
5 TYPICAL TUNNEL BRIDGING DETAIL
SCALE: 3/8"=1'

NOTE:
"UNTREATED BASE COURSE" REFERS TO SELECT ENGINEERED
FILL MATERIAL PER APWA STANDARD SPECIFICATIONS (1997
EDITION) #02060, SUB-SECTION 2.2, AND SHALL BE
COMPACTED TO 95% ASTM D-1557.

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PHASE 4 - MISCELLANEOUS SECTIONS & DETAILS
DFCM PROJECT No. 97126280

CU501-4
SHEET 7 OF 7
011116
PROJECT NUMBER